

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032624\
 Data File : VX040791.D
 Acq On : 26 Mar 2024 09:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

03/27/2024
 Supervised By :Mahesh
 Dadoda

Quant Time: Mar 27 02:39:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:44:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	49950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	77882	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	72509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	37149	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	41109	48.946	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.900%
35) Dibromofluoromethane	5.373	113	30907	53.036	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.080%
50) Toluene-d8	8.647	98	105134	52.688	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.380%
62) 4-Bromofluorobenzene	11.079	95	41346	52.446	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	32078	49.626	ug/l	100
3) Chloromethane	1.301	50	28359	42.894	ug/l	99
4) Vinyl Chloride	1.374	62	30534	48.774	ug/l	100
5) Bromomethane	1.605	94	23091	54.716	ug/l	97
6) Chloroethane	1.685	64	19444	44.188	ug/l	99
7) Trichlorofluoromethane	1.886	101	52028	47.498	ug/l	100
8) Diethyl Ether	2.130	74	16599	47.144	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	31232	49.583	ug/l	99
10) Methyl Iodide	2.453	142	37733	45.244	ug/l	98
11) Tert butyl alcohol	2.947	59	31463	233.935	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	27749	47.033	ug/l	95
13) Acrolein	2.233	56	20639	259.309	ug/l	99
14) Allyl chloride	2.660	41	50346	47.613	ug/l	90
15) Acrylonitrile	3.056	53	82197	247.567	ug/l	98
16) Acetone	2.373	43	74644	250.912	ug/l	97
17) Carbon Disulfide	2.514	76	74295	43.839	ug/l	100
18) Methyl Acetate	2.697	43	36034	45.195	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	98464	48.353	ug/l	99
20) Methylene Chloride	2.788	84	30545	46.972	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	28877	46.363	ug/l	97
22) Diisopropyl ether	3.757	45	100853	48.879	ug/l	92
23) Vinyl Acetate	3.715	43	478789	245.490	ug/l	99
24) 1,1-Dichloroethane	3.605	63	56310	47.514	ug/l	97
25) 2-Butanone	4.544	43	113661	243.929	ug/l	98
26) 2,2-Dichloropropane	4.471	77	51283	49.596	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	34646	48.020	ug/l	99
28) Bromochloromethane	4.891	49	26732	49.319	ug/l	99
29) Tetrahydrofuran	4.995	42	77500	250.052	ug/l	100
30) Chloroform	5.086	83	62259	49.070	ug/l	95
31) Cyclohexane	5.471	56	47745	47.845	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	55752	51.122	ug/l	98
36) 1,1-Dichloropropene	5.684	75	42278	49.273	ug/l	99
37) Ethyl Acetate	4.702	43	49793	51.104	ug/l	98
38) Carbon Tetrachloride	5.672	117	48686	50.411	ug/l	96
39) Methylcyclohexane	7.373	83	47595	50.068	ug/l	98
40) Benzene	6.031	78	114092	48.153	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032624\
 Data File : VX040791.D
 Acq On : 26 Mar 2024 09:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

03/27/2024
 Supervised By :Mahesh
 Dadoda

Quant Time: Mar 27 02:39:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:44:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	26025	51.653	ug/l	94
42) 1,2-Dichloroethane	6.080	62	48139	50.209	ug/l	98
43) Isopropyl Acetate	6.330	43	77037	50.350	ug/l	97
44) Trichloroethene	7.123	130	28917	50.919	ug/l	97
45) 1,2-Dichloropropane	7.427	63	28404	51.096	ug/l	100
46) Dibromomethane	7.574	93	22676	51.505	ug/l	98
47) Bromodichloromethane	7.818	83	48340	53.734	ug/l	98
48) Methyl methacrylate	7.690	41	37667	53.863	ug/l	93
49) 1,4-Dioxane	7.653	88	11941	1011.768	ug/l #	93
51) 4-Methyl-2-Pentanone	8.568	43	246706	260.005	ug/l	97
52) Toluene	8.714	92	72263	51.139	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	48270	51.868	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	49262	51.183	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	28532	49.582	ug/l	93
56) Ethyl methacrylate	9.110	69	49787	51.761	ug/l #	93
57) 1,3-Dichloropropane	9.305	76	48691	49.585	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	141272	279.854	ug/l	98
59) 2-Hexanone	9.427	43	190386	259.018	ug/l	97
60) Dibromochloromethane	9.519	129	35646	52.714	ug/l	98
61) 1,2-Dibromoethane	9.604	107	30612	50.377	ug/l	99
64) Tetrachloroethene	9.269	164	26156	48.429	ug/l	97
65) Chlorobenzene	10.079	112	82732	50.307	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	28485	50.899	ug/l	99
67) Ethyl Benzene	10.189	91	148450	50.403	ug/l	97
68) m/p-Xylenes	10.299	106	107360	99.562	ug/l	92
69) o-Xylene	10.640	106	52869	51.036	ug/l	92
70) Styrene	10.652	104	92469	53.323	ug/l	98
71) Bromoform	10.799	173	24961	54.609	ug/l #	98
73) Isopropylbenzene	10.957	105	145423	51.591	ug/l	100
74) N-amyl acetate	10.841	43	71977	51.863	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	46765	49.007	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	41950m	52.505	ug/l	
77) Bromobenzene	11.195	156	33804	49.546	ug/l	98
78) n-propylbenzene	11.299	91	176099	50.668	ug/l	98
79) 2-Chlorotoluene	11.360	91	103082	51.402	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	123021	52.061	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	16050	50.819	ug/l #	92
82) 4-Chlorotoluene	11.451	91	126437	50.267	ug/l	97
83) tert-Butylbenzene	11.713	119	123772	52.224	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	124771	52.463	ug/l	100
85) sec-Butylbenzene	11.890	105	157668	52.314	ug/l	100
86) p-Isopropyltoluene	12.006	119	131697	52.697	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	66488	51.030	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	65252	47.157	ug/l	98
89) n-Butylbenzene	12.329	91	126610	50.239	ug/l	96
90) Hexachloroethane	12.536	117	21751	49.983	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	60402	47.186	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	10242	42.986	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	45039	49.506	ug/l	97
94) Hexachlorobutadiene	13.725	225	17581	49.028	ug/l	98
95) Naphthalene	13.774	128	144653	50.257	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	43762	48.960	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032624\
Data File : VX040791.D
Acq On : 26 Mar 2024 09:30
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 27 02:39:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:44:48 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John
Carlone

03/27/2024
Supervised By :Mahesh
Dadoda

03/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

03/27/2024
Supervised By :Mahesh
Dadoda

03/27/2024

Quant Time: Mar 27 02:39:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:44:48 2024
Response via : Initial Calibration

