

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032524\
 Data File : VX040789.D
 Acq On : 25 Mar 2024 16:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2024
 Supervised By : Mahesh Dadoda 03/26/2024

Quant Time: Mar 26 04:46:09 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	5.543	168	53619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	89330	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	77634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	41798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	45852	50.857	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	101.720%		
35) Dibromofluoromethane	5.373	113	31659	47.364	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.720%		
50) Toluene-d8	8.640	98	108983	47.617	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.240%		
62) 4-Bromofluorobenzene	11.079	95	41935	46.376	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31531	45.442	ug/l	97
3) Chloromethane	1.300	50	28295	39.869	ug/l	95
4) Vinyl Chloride	1.373	62	30312	45.106	ug/l	98
5) Bromomethane	1.605	94	22019	48.606	ug/l	97
6) Chloroethane	1.684	64	19951	42.237	ug/l	96
7) Trichlorofluoromethane	1.886	101	55099	46.860	ug/l	96
8) Diethyl Ether	2.129	74	17048	45.106	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	29180	43.155	ug/l	99
10) Methyl Iodide	2.453	142	38459	42.959	ug/l	99
11) Tert butyl alcohol	2.952	59	34960	242.149	ug/l #	90
12) 1,1-Dichloroethene	2.318	96	28276	44.646	ug/l	97
13) Acrolein	2.233	56	19576	229.124	ug/l	100
14) Allyl chloride	2.660	41	50867	44.814	ug/l	90
15) Acrylonitrile	3.056	53	83124	233.228	ug/l	98
16) Acetone	2.373	43	71987	225.422	ug/l	100
17) Carbon Disulfide	2.514	76	75494	41.499	ug/l	100
18) Methyl Acetate	2.696	43	36559	42.716	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	99911	45.707	ug/l	99
20) Methylene Chloride	2.788	84	30613	43.855	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	28716	42.950	ug/l	97
22) Diisopropyl ether	3.751	45	101258	45.717	ug/l	96
23) Vinyl Acetate	3.715	43	488061	233.120	ug/l	98
24) 1,1-Dichloroethane	3.605	63	56682	44.556	ug/l	99
25) 2-Butanone	4.544	43	118989	237.890	ug/l	97
26) 2,2-Dichloropropane	4.464	77	50021	45.066	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	34543	44.601	ug/l	99
28) Bromochloromethane	4.891	49	27111	46.595	ug/l	99
29) Tetrahydrofuran	4.989	42	77904	234.156	ug/l	98
30) Chloroform	5.086	83	62352	45.781	ug/l	100
31) Cyclohexane	5.464	56	46886	43.769	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	56476	48.243	ug/l	99
36) 1,1-Dichloropropene	5.684	75	41365	42.031	ug/l	99
37) Ethyl Acetate	4.702	43	49135	43.966	ug/l	99
38) Carbon Tetrachloride	5.671	117	49388	44.584	ug/l	97
39) Methylcyclohexane	7.372	83	45598	41.820	ug/l	96
40) Benzene	6.031	78	119040	43.803	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032524\
 Data File : VX040789.D
 Acq On : 25 Mar 2024 16:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2024
 Supervised By : Mahesh Dadoda 03/26/2024

Quant Time: Mar 26 04:46:09 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	4.909	41	26642	46.101	ug/l	95
42) 1,2-Dichloroethane	6.074	62	50936	46.318	ug/l	97
43) Isopropyl Acetate	6.330	43	81137	46.234	ug/l	98
44) Trichloroethene	7.122	130	29112	44.693	ug/l	95
45) 1,2-Dichloropropane	7.421	63	28293	44.374	ug/l	98
46) Dibromomethane	7.574	93	22625	44.803	ug/l	98
47) Bromodichloromethane	7.817	83	46341	44.911	ug/l	99
48) Methyl methacrylate	7.683	41	37455	46.696	ug/l	94
49) 1,4-Dioxane	7.647	88	12524	925.173	ug/l #	90
51) 4-Methyl-2-Pentanone	8.567	43	250913	230.550	ug/l	96
52) Toluene	8.714	92	71620	44.189	ug/l	93
53) t-1,3-Dichloropropene	8.970	75	45741	42.852	ug/l	94
54) cis-1,3-Dichloropropene	8.360	75	49303	44.661	ug/l	100
55) 1,1,2-Trichloroethane	9.146	97	28031	42.469	ug/l	90
56) Ethyl methacrylate	9.110	69	48746	44.184	ug/l #	95
57) 1,3-Dichloropropane	9.305	76	48550	43.105	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	118088	203.949	ug/l	97
59) 2-Hexanone	9.427	43	186766	221.530	ug/l	97
60) Dibromochloromethane	9.518	129	34434	44.396	ug/l	99
61) 1,2-Dibromoethane	9.604	107	30184	43.307	ug/l	99
64) Tetrachloroethene	9.268	164	25045	43.310	ug/l	95
65) Chlorobenzene	10.079	112	81851	46.485	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	27840	46.463	ug/l	99
67) Ethyl Benzene	10.189	91	145775	46.228	ug/l	98
68) m/p-Xylenes	10.299	106	105691	91.544	ug/l	92
69) o-Xylene	10.640	106	51585	46.510	ug/l	92
70) Styrene	10.652	104	89209	48.047	ug/l	96
71) Bromoform	10.799	173	24059	49.161	ug/l #	99
73) Isopropylbenzene	10.957	105	137214	43.265	ug/l	100
74) N-amyl acetate	10.841	43	71315	45.671	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.207	83	45849	42.703	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	41121m	45.743	ug/l	
77) Bromobenzene	11.195	156	33224	43.279	ug/l	98
78) n-propylbenzene	11.299	91	173391	44.340	ug/l	98
79) 2-Chlorotoluene	11.359	91	101294	44.892	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	118477	44.561	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.012	75	15866	44.649	ug/l	99
82) 4-Chlorotoluene	11.451	91	119346	42.170	ug/l	98
83) tert-Butylbenzene	11.713	119	116787	43.796	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	120148	44.900	ug/l	100
85) sec-Butylbenzene	11.890	105	151741	44.748	ug/l	100
86) p-Isopropyltoluene	12.006	119	131759	46.858	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	65923	44.969	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	67008	43.040	ug/l	99
89) n-Butylbenzene	12.329	91	124272	43.826	ug/l	97
90) Hexachloroethane	12.536	117	23488	47.971	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	62329	43.276	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	11434	42.652	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	42713	41.728	ug/l	95
94) Hexachlorobutadiene	13.725	225	15804	39.170	ug/l	99
95) Naphthalene	13.774	128	141037	43.551	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	41799	41.563	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032524\
Data File : VX040789.D
Acq On : 25 Mar 2024 16:35
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

Quant Time: Mar 26 04:46:09 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)
----------	------	------	----------	------	-------	----------

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

