

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
 Data File : VX040474.D
 Acq On : 27 Feb 2024 09:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 28 01:56:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/28/2024
 Supervised By : Semsettin Yesilyurt 02/28/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	95134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	159754	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	147109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77118	48.466	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.940%		
35) Dibromofluoromethane	5.385	113	54752	49.285	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.580%		
50) Toluene-d8	8.647	98	199093	49.372	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.740%		
62) 4-Bromofluorobenzene	11.079	95	78062	50.783	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.560%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	56707	47.897	ug/l	96
3) Chloromethane	1.295	50	53284	45.375	ug/l	97
4) Vinyl Chloride	1.374	62	59260	46.666	ug/l	97
5) Bromomethane	1.599	94	38322	54.304	ug/l	99
6) Chloroethane	1.685	64	35575	44.267	ug/l	95
7) Trichlorofluoromethane	1.886	101	92782	46.261	ug/l	98
8) Diethyl Ether	2.130	74	32587	46.483	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	51355	47.569	ug/l	98
10) Methyl Iodide	2.453	142	52940	47.454	ug/l	97
11) Tert butyl alcohol	2.953	59	60230	225.172	ug/l #	89
12) 1,1-Dichloroethene	2.319	96	48035	44.317	ug/l	96
13) Acrolein	2.233	56	66673	388.785	ug/l	99
14) Allyl chloride	2.660	41	87010	45.885	ug/l	94
15) Acrylonitrile	3.062	53	152074	226.651	ug/l	99
16) Acetone	2.374	43	124624	240.166	ug/l	97
17) Carbon Disulfide	2.508	76	131045	43.660	ug/l	98
18) Methyl Acetate	2.697	43	72657	45.417	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	169681	45.896	ug/l	99
20) Methylene Chloride	2.788	84	55329	44.557	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	51400	44.466	ug/l	98
22) Diisopropyl ether	3.757	45	174627	45.827	ug/l	94
23) Vinyl Acetate	3.715	43	806699	231.104	ug/l	100
24) 1,1-Dichloroethane	3.605	63	100291	45.133	ug/l	99
25) 2-Butanone	4.550	43	210606	232.947	ug/l	100
26) 2,2-Dichloropropane	4.471	77	81837	46.255	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	59943	44.327	ug/l	100
28) Bromochloromethane	4.891	49	44394	47.759	ug/l	98
29) Tetrahydrofuran	4.995	42	142832	226.462	ug/l	98
30) Chloroform	5.087	83	107235	45.464	ug/l	98
31) Cyclohexane	5.464	56	81014	44.940	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	92471	45.933	ug/l	99
36) 1,1-Dichloropropene	5.690	75	78308	45.752	ug/l	100
37) Ethyl Acetate	4.709	43	83233	44.434	ug/l	99
38) Carbon Tetrachloride	5.672	117	77165	46.668	ug/l	98
39) Methylcyclohexane	7.379	83	88102	47.676	ug/l	98
40) Benzene	6.031	78	214071	46.196	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
 Data File : VX040474.D
 Acq On : 27 Feb 2024 09:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2024
 Supervised By : Semsettin Yesilyurt 02/28/2024

Quant Time: Feb 28 01:56:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	46799	44.727	ug/l	95
42) 1,2-Dichloroethane	6.080	62	91229	47.566	ug/l	98
43) Isopropyl Acetate	6.330	43	135353	46.051	ug/l	98
44) Trichloroethene	7.123	130	56850	45.617	ug/l	99
45) 1,2-Dichloropropane	7.428	63	56704	45.722	ug/l	98
46) Dibromomethane	7.574	93	41987	46.049	ug/l	98
47) Bromodichloromethane	7.818	83	85180	47.447	ug/l	97
48) Methyl methacrylate	7.690	41	70350	47.887	ug/l	93
49) 1,4-Dioxane	7.653	88	27475	988.652	ug/l #	92
51) 4-Methyl-2-Pentanone	8.568	43	455097	234.188	ug/l	99
52) Toluene	8.714	92	135257	47.560	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	89098	48.904	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	93220	47.601	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	56848	48.167	ug/l	95
56) Ethyl methacrylate	9.116	69	89892	49.262	ug/l	95
57) 1,3-Dichloropropane	9.305	76	96918	47.147	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	236021	246.682	ug/l	97
59) 2-Hexanone	9.427	43	363500	243.293	ug/l	98
60) Dibromochloromethane	9.519	129	61563	48.024	ug/l	100
61) 1,2-Dibromoethane	9.610	107	60768	47.185	ug/l	99
64) Tetrachloroethene	9.269	164	50674	49.065	ug/l	97
65) Chlorobenzene	10.079	112	149752	47.859	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	54948	49.829	ug/l	99
67) Ethyl Benzene	10.189	91	281366	49.123	ug/l	96
68) m/p-Xylenes	10.299	106	206221	96.415	ug/l	95
69) o-Xylene	10.640	106	99129	48.458	ug/l	95
70) Styrene	10.653	104	167430	49.096	ug/l	98
71) Bromoform	10.799	173	45814	50.754	ug/l #	100
73) Isopropylbenzene	10.957	105	272610	47.516	ug/l	100
74) N-amyl acetate	10.842	43	126766	47.574	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	94502	45.547	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	80708m	47.073	ug/l	
77) Bromobenzene	11.195	156	63346	46.696	ug/l	98
78) n-propylbenzene	11.305	91	339423	47.696	ug/l	97
79) 2-Chlorotoluene	11.360	91	193868	45.254	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	235017	48.166	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	25727	45.647	ug/l	97
82) 4-Chlorotoluene	11.451	91	231628	46.756	ug/l	99
83) tert-Butylbenzene	11.713	119	219785	47.779	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	235940	48.737	ug/l	100
85) sec-Butylbenzene	11.890	105	291156	48.179	ug/l	99
86) p-Isopropyltoluene	12.006	119	240475	48.276	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	124349	45.987	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	124921	45.382	ug/l	99
89) n-Butylbenzene	12.329	91	237686	48.499	ug/l	96
90) Hexachloroethane	12.536	117	41775	50.389	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	119800	46.492	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23556	48.698	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	81468	48.445	ug/l	95
94) Hexachlorobutadiene	13.725	225	32043	46.622	ug/l	100
95) Naphthalene	13.774	128	255693	47.580	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	77069	48.211	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
Data File : VX040474.D
Acq On : 27 Feb 2024 09:05
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024

Quant Time: Feb 28 01:56:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 27 05:01:33 2024
Response via : Initial Calibration

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

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

