

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020524\
 Data File : VX040101.D
 Acq On : 05 Feb 2024 09:27
 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 02/06/2024
 Supervised By : Mahesh Dadoda 02/06/2024

Quant Time: Feb 06 02:54:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	103614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	174516	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	166868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	72308	43.362	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.720%		
35) Dibromofluoromethane	5.379	113	57936	48.768	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.540%		
50) Toluene-d8	8.647	98	217661	48.992	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.980%		
62) 4-Bromofluorobenzene	11.079	95	84452	49.367	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	66071	56.614	ug/l	98
3) Chloromethane	1.294	50	59472	53.734	ug/l	95
4) Vinyl Chloride	1.374	62	50922	49.748	ug/l	100
5) Bromomethane	1.599	94	49669	49.915	ug/l	97
6) Chloroethane	1.678	64	27768	41.091	ug/l	99
7) Trichlorofluoromethane	1.886	101	65400	40.157	ug/l	96
8) Diethyl Ether	2.130	74	24915	43.272	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	62201	51.188	ug/l	99
10) Methyl Iodide	2.453	142	63325	48.955	ug/l	94
11) Tert butyl alcohol	2.953	59	75180	248.469	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	59113	50.723	ug/l	89
13) Acrolein	2.233	56	76207	262.880	ug/l	100
14) Allyl chloride	2.660	41	105830	50.379	ug/l	98
15) Acrylonitrile	3.056	53	189870	250.508	ug/l	99
16) Acetone	2.373	43	226933	290.448	ug/l	94
17) Carbon Disulfide	2.508	76	158109	46.402	ug/l	98
18) Methyl Acetate	2.696	43	104945	56.698	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	202088	50.622	ug/l	100
20) Methylene Chloride	2.788	84	67375	48.524	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	62258	48.509	ug/l	91
22) Diisopropyl ether	3.751	45	199262	48.970	ug/l	94
23) Vinyl Acetate	3.715	43	907575	249.224	ug/l	100
24) 1,1-Dichloroethane	3.605	63	115470	49.548	ug/l	99
25) 2-Butanone	4.544	43	249644	229.851	ug/l	95
26) 2,2-Dichloropropane	4.471	77	90479	49.758	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	68510	47.840	ug/l	94
28) Bromochloromethane	4.891	49	53582	49.307	ug/l	96
29) Tetrahydrofuran	4.995	42	158933	230.142	ug/l	98
30) Chloroform	5.086	83	117031	46.767	ug/l	99
31) Cyclohexane	5.464	56	95617	45.776	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	102547	47.750	ug/l	100
36) 1,1-Dichloropropene	5.690	75	85864	49.975	ug/l	98
37) Ethyl Acetate	4.702	43	92058	49.061	ug/l	98
38) Carbon Tetrachloride	5.672	117	84805	51.586	ug/l	97
39) Methylcyclohexane	7.379	83	101136	48.381	ug/l	95
40) Benzene	6.031	78	245971	49.153	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	50161	52.713	ug/l	93
42) 1,2-Dichloroethane	6.080	62	91556	47.528	ug/l	98
43) Isopropyl Acetate	6.336	43	149710	50.595	ug/l	99
44) Trichloroethene	7.123	130	62433	47.410	ug/l	97
45) 1,2-Dichloropropane	7.427	63	64012	48.448	ug/l	96
46) Dibromomethane	7.574	93	47706	48.104	ug/l	99
47) Bromodichloromethane	7.818	83	92712	52.490	ug/l	99
48) Methyl methacrylate	7.690	41	73975	50.750	ug/l	92
49) 1,4-Dioxane	7.653	88	30397	959.651	ug/l #	90
51) 4-Methyl-2-Pentanone	8.567	43	521096	257.979	ug/l	99
52) Toluene	8.714	92	158684	50.876	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	98704	53.880	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	104658	53.540	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	66598	51.585	ug/l	94
56) Ethyl methacrylate	9.110	69	105865	56.153	ug/l	96
57) 1,3-Dichloropropane	9.305	76	107191	50.406	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	278248	293.498	ug/l	99
59) 2-Hexanone	9.427	43	435953	270.692	ug/l	100
60) Dibromochloromethane	9.518	129	70406	54.273	ug/l	99
61) 1,2-Dibromoethane	9.604	107	72045	51.616	ug/l	98
64) Tetrachloroethene	9.268	164	54326	50.035	ug/l	97
65) Chlorobenzene	10.073	112	169474	49.135	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	61186	52.529	ug/l	98
67) Ethyl Benzene	10.189	91	309908	50.078	ug/l	99
68) m/p-Xylenes	10.299	106	236806	101.715	ug/l	100
69) o-Xylene	10.640	106	115944	52.502	ug/l	99
70) Styrene	10.652	104	192300	51.665	ug/l	99
71) Bromoform	10.799	173	50543	53.219	ug/l #	100
73) Isopropylbenzene	10.957	105	310113	49.701	ug/l	99
74) N-amyl acetate	10.841	43	146000	49.180	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	109923	46.858	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	90867m	49.107	ug/l	
77) Bromobenzene	11.195	156	73254	50.895	ug/l	95
78) n-propylbenzene	11.305	91	382919	49.870	ug/l	99
79) 2-Chlorotoluene	11.360	91	222908	48.223	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	267214	49.819	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	30738	52.094	ug/l	93
82) 4-Chlorotoluene	11.451	91	263964	49.753	ug/l	100
83) tert-Butylbenzene	11.713	119	254260	49.538	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	265375	49.582	ug/l	98
85) sec-Butylbenzene	11.890	105	338245	49.742	ug/l	99
86) p-Isopropyltoluene	12.006	119	279128	50.269	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	142466	49.065	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	142467	47.932	ug/l	99
89) n-Butylbenzene	12.329	91	268265	49.775	ug/l	97
90) Hexachloroethane	12.536	117	45754	50.395	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	135331	48.339	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	25348	47.668	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	87983	50.274	ug/l	98
94) Hexachlorobutadiene	13.725	225	35277	51.173	ug/l	97
95) Naphthalene	13.774	128	294237	49.501	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	86421	49.944	ug/l	99

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

