

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010424\
 Data File : VX039635.D
 Acq On : 04 Jan 2024 20:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/05/2024
 Supervised By :Mahesh Dadoda 01/05/2024

Quant Time: Jan 05 00:48:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	103114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	190409	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89600	47.433	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.860%		
35) Dibromofluoromethane	5.385	113	66316	50.414	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.820%		
50) Toluene-d8	8.647	98	244516	50.069	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.140%		
62) 4-Bromofluorobenzene	11.079	95	99164	49.214	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.420%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	64600	44.584	ug/l	97
3) Chloromethane	1.294	50	72976	45.430	ug/l	100
4) Vinyl Chloride	1.374	62	71260	47.700	ug/l	100
5) Bromomethane	1.599	94	43104	50.151	ug/l	98
6) Chloroethane	1.685	64	41996	46.648	ug/l	99
7) Trichlorofluoromethane	1.886	101	103190	47.171	ug/l	100
8) Diethyl Ether	2.130	74	39201	51.777	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	63474	47.549	ug/l	97
10) Methyl Iodide	2.453	142	63552	46.059	ug/l	95
11) Tert butyl alcohol	2.959	59	97925	206.439	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	61729	46.553	ug/l	99
13) Acrolein	2.233	56	92631	244.783	ug/l	99
14) Allyl chloride	2.660	41	124705	46.425	ug/l	96
15) Acrylonitrile	3.056	53	238719	251.422	ug/l	99
16) Acetone	2.373	43	210427	185.834	ug/l	93
17) Carbon Disulfide	2.514	76	157027	40.467	ug/l	98
18) Methyl Acetate	2.697	43	218861	53.567	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	231239	48.219	ug/l	98
20) Methylene Chloride	2.788	84	74129	47.075	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	66899	46.365	ug/l	98
22) Diisopropyl ether	3.757	45	252327	51.604	ug/l	91
23) Vinyl Acetate	3.721	43	892401	245.149	ug/l	99
24) 1,1-Dichloroethane	3.605	63	133368	48.251	ug/l	98
25) 2-Butanone	4.550	43	338808	207.852	ug/l	100
26) 2,2-Dichloropropane	4.477	77	100839	41.788	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	79282	49.782	ug/l	99
28) Bromochloromethane	4.891	49	69070	51.213	ug/l	93
29) Tetrahydrofuran	4.995	42	222583	247.264	ug/l	99
30) Chloroform	5.093	83	134615	48.735	ug/l	98
31) Cyclohexane	5.470	56	114784	47.046	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	112987	47.119	ug/l	98
36) 1,1-Dichloropropene	5.690	75	98103	47.260	ug/l	99
37) Ethyl Acetate	4.708	43	126031	49.143	ug/l	99
38) Carbon Tetrachloride	5.678	117	91333	46.105	ug/l	95
39) Methylcyclohexane	7.379	83	115528	46.333	ug/l	98
40) Benzene	6.037	78	287000	48.877	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	68362	49.961	ug/l	96
42) 1,2-Dichloroethane	6.086	62	110703	46.574	ug/l	100
43) Isopropyl Acetate	6.336	43	203359	48.763	ug/l	99
44) Trichloroethene	7.123	130	69425	46.853	ug/l	95
45) 1,2-Dichloropropane	7.427	63	79095	50.190	ug/l	99
46) Dibromomethane	7.580	93	53114	47.946	ug/l	96
47) Bromodichloromethane	7.818	83	103201	48.723	ug/l	96
48) Methyl methacrylate	7.690	41	121179	49.703	ug/l	96
49) 1,4-Dioxane	7.659	88	32166	978.769	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	669716	252.047	ug/l	98
52) Toluene	8.720	92	171850	48.489	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	108190	46.395	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	118882	47.380	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	74549	50.385	ug/l	98
56) Ethyl methacrylate	9.116	69	93958	52.019	ug/l	97
57) 1,3-Dichloropropane	9.305	76	127640	49.900	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	287217	270.807	ug/l	94
59) 2-Hexanone	9.427	43	531530	231.786	ug/l	98
60) Dibromochloromethane	9.519	129	72996	48.782	ug/l	99
61) 1,2-Dibromoethane	9.610	107	78643	49.790	ug/l	99
64) Tetrachloroethene	9.269	164	53642	45.651	ug/l	94
65) Chlorobenzene	10.079	112	182914	46.604	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	65733	47.414	ug/l	98
67) Ethyl Benzene	10.189	91	348142	47.652	ug/l	97
68) m/p-Xylenes	10.299	106	247998	94.673	ug/l	94
69) o-Xylene	10.640	106	122206	48.251	ug/l	95
70) Styrene	10.652	104	181678	49.067	ug/l	97
71) Bromoform	10.799	173	48451	47.017	ug/l #	98
73) Isopropylbenzene	10.963	105	329160	48.084	ug/l	99
74) N-amyl acetate	10.841	43	173663	50.141	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	126104	49.519	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	106760m	46.509	ug/l	
77) Bromobenzene	11.195	156	72094	47.625	ug/l	91
78) n-propylbenzene	11.305	91	401646	47.621	ug/l	97
79) 2-Chlorotoluene	11.366	91	237234	46.501	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	281979	48.353	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	34306	42.160	ug/l	96
82) 4-Chlorotoluene	11.451	91	280629	46.833	ug/l	97
83) tert-Butylbenzene	11.713	119	266846	48.081	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	285610	47.758	ug/l	100
85) sec-Butylbenzene	11.890	105	344350	48.759	ug/l	97
86) p-Isopropyltoluene	12.006	119	287007	48.424	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	140031	47.086	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	141290	45.629	ug/l	98
89) n-Butylbenzene	12.329	91	286006	49.088	ug/l	96
90) Hexachloroethane	12.536	117	50976	47.613	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	134198	47.161	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	30418	45.349	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	88661	47.584	ug/l	98
94) Hexachlorobutadiene	13.725	225	34801	49.562	ug/l	97
95) Naphthalene	13.774	128	324991	50.084	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	86838	48.277	ug/l	100

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

