

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\
 Data File : VX044265.D
 Acq On : 12 Dec 2024 20:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2024
 Supervised By : Mahesh Dadoda 12/13/2024

Quant Time: Dec 13 01:54:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	118487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	222049	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	87857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	109538	52.727	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.460%			
35) Dibromofluoromethane	5.385	113	81048	52.701	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.400%			
50) Toluene-d8	8.647	98	274948	52.993	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.980%			
62) 4-Bromofluorobenzene	11.079	95	94320	52.026	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	91970	50.199	ug/l	94
3) Chloromethane	1.294	50	92922	53.037	ug/l	96
4) Vinyl Chloride	1.374	62	95102	52.104	ug/l	100
5) Bromomethane	1.593	94	65859	50.861	ug/l	100
6) Chloroethane	1.660	64	70080	61.660	ug/l	95
7) Trichlorofluoromethane	1.867	101	158352	44.316	ug/l	98
8) Diethyl Ether	2.136	74	61063	50.064	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	73915	51.120	ug/l	99
10) Methyl Iodide	2.441	142	101070	53.036	ug/l	97
11) Tert butyl alcohol	2.989	59	72606	247.981	ug/l	100
12) 1,1-Dichloroethene	2.306	96	70759	53.278	ug/l	96
13) Acrolein	2.233	56	108794	256.696	ug/l	99
14) Allyl chloride	2.660	41	119646	54.087	ug/l	99
15) Acrylonitrile	3.068	53	211527	260.810	ug/l	98
16) Acetone	2.386	43	204087	240.967	ug/l	99
17) Carbon Disulfide	2.501	76	131599	52.128	ug/l	100
18) Methyl Acetate	2.703	43	113423	51.940	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	270190	52.133	ug/l	98
20) Methylene Chloride	2.782	84	83848	52.709	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	73662	52.188	ug/l	95
22) Diisopropyl ether	3.763	45	263447	52.887	ug/l	97
23) Vinyl Acetate	3.721	43	1134908	280.238	ug/l	99
24) 1,1-Dichloroethane	3.605	63	150716	54.279	ug/l	99
25) 2-Butanone	4.562	43	310339	257.744	ug/l	99
26) 2,2-Dichloropropane	4.471	77	112073	49.683	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	91835	51.230	ug/l	98
28) Bromochloromethane	4.897	49	71944	52.838	ug/l	97
29) Tetrahydrofuran	5.007	42	196890	254.759	ug/l	99
30) Chloroform	5.086	83	160779	51.537	ug/l	99
31) Cyclohexane	5.464	56	118006	52.629	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	135779	52.432	ug/l	98
36) 1,1-Dichloropropene	5.684	75	101135	50.874	ug/l	98
37) Ethyl Acetate	4.714	43	123302	50.177	ug/l	99
38) Carbon Tetrachloride	5.666	117	109451	51.140	ug/l	91
39) Methylcyclohexane	7.379	83	120730	50.801	ug/l	100
40) Benzene	6.031	78	314263	52.067	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	66829	51.216	ug/l	96
42) 1,2-Dichloroethane	6.080	62	130079	52.318	ug/l	100
43) Isopropyl Acetate	6.342	43	201259	52.401	ug/l	99
44) Trichloroethene	7.123	130	78399	52.087	ug/l	96
45) 1,2-Dichloropropane	7.427	63	80004	51.883	ug/l	96
46) Dibromomethane	7.574	93	61599	51.491	ug/l	99
47) Bromodichloromethane	7.818	83	110621	53.542	ug/l	96
48) Methyl methacrylate	7.690	41	95077	50.996	ug/l	98
49) 1,4-Dioxane	7.665	88	30352	981.906	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	634473	256.920	ug/l	99
52) Toluene	8.714	92	191629	50.558	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	109928	49.596	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	120965	53.772	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	78095	51.864	ug/l	97
56) Ethyl methacrylate	9.116	69	124167	52.235	ug/l	99
57) 1,3-Dichloropropane	9.305	76	136997	52.271	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	300004	250.223	ug/l	100
59) 2-Hexanone	9.433	43	464052	259.608	ug/l	100
60) Dibromochloromethane	9.518	129	78668	49.378	ug/l	100
61) 1,2-Dibromoethane	9.610	107	82089	53.558	ug/l	97
64) Tetrachloroethene	9.269	164	63566	49.650	ug/l	96
65) Chlorobenzene	10.079	112	208282	50.391	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	71548	53.861	ug/l	99
67) Ethyl Benzene	10.189	91	368774	51.637	ug/l	100
68) m/p-Xylenes	10.299	106	272767	104.087	ug/l	99
69) o-Xylene	10.640	106	135716	51.185	ug/l	99
70) Styrene	10.652	104	228077	53.658	ug/l	97
71) Bromoform	10.799	173	43985	47.683	ug/l #	99
73) Isopropylbenzene	10.963	105	348856	51.868	ug/l	99
74) N-amyl acetate	10.841	43	167692	53.949	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	118080	50.546	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	97725m	49.818	ug/l	
77) Bromobenzene	11.195	156	80331	49.253	ug/l	97
78) n-propylbenzene	11.305	91	396977	53.402	ug/l	100
79) 2-Chlorotoluene	11.360	91	242879	50.519	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	289323	51.872	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29245	43.533	ug/l	94
82) 4-Chlorotoluene	11.451	91	281036	52.789	ug/l	97
83) tert-Butylbenzene	11.713	119	284270	51.571	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	296698	54.165	ug/l	98
85) sec-Butylbenzene	11.890	105	349031	52.158	ug/l	99
86) p-Isopropyltoluene	12.006	119	293025	52.611	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	145242	50.981	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	144274	49.263	ug/l	99
89) n-Butylbenzene	12.329	91	249859	53.350	ug/l	99
90) Hexachloroethane	12.536	117	43173	53.102	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	149629	50.582	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22898	50.493	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	83769	51.653	ug/l	97
94) Hexachlorobutadiene	13.725	225	30954	47.451	ug/l	96
95) Naphthalene	13.774	128	313017	49.446	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	85419	49.658	ug/l	97

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

