

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100724\
 Data File : VX043309.D
 Acq On : 07 Oct 2024 16:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 08 01:45:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/08/2024
 Supervised By :Semsettin Yesilyurt 10/08/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	112536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	191029	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	163328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	84716	46.094	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.180%		
35) Dibromofluoromethane	5.379	113	62593	47.512	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.020%		
50) Toluene-d8	8.641	98	210583	46.125	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.260%		
62) 4-Bromofluorobenzene	11.079	95	77618	46.797	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	61389	46.897	ug/l	95
3) Chloromethane	1.294	50	58178	43.154	ug/l	98
4) Vinyl Chloride	1.374	62	62618	46.371	ug/l	97
5) Bromomethane	1.599	94	23488	42.574	ug/l	98
6) Chloroethane	1.666	64	22816	45.372	ug/l	98
7) Trichlorofluoromethane	1.867	101	95068	47.118	ug/l	98
8) Diethyl Ether	2.136	74	36762	46.820	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	62438	49.589	ug/l	99
10) Methyl Iodide	2.440	142	74334	47.004	ug/l	100
11) Tert butyl alcohol	2.995	59	88744	253.743	ug/l	98
12) 1,1-Dichloroethene	2.306	96	56306	45.033	ug/l	94
13) Acrolein	2.239	56	69841	211.429	ug/l	99
14) Allyl chloride	2.654	41	98154	47.783	ug/l	99
15) Acrylonitrile	3.062	53	171824	240.600	ug/l	99
16) Acetone	2.386	43	178897	233.086	ug/l	99
17) Carbon Disulfide	2.501	76	124785	41.032	ug/l	97
18) Methyl Acetate	2.703	43	102933	53.460	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	217176	48.550	ug/l	99
20) Methylene Chloride	2.782	84	64801	45.791	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	57108	45.893	ug/l	96
22) Diisopropyl ether	3.757	45	202824	49.090	ug/l	96
23) Vinyl Acetate	3.715	43	1225719	255.971	ug/l	100
24) 1,1-Dichloroethane	3.599	63	117069	48.637	ug/l	99
25) 2-Butanone	4.556	43	252258	239.705	ug/l	100
26) 2,2-Dichloropropane	4.464	77	113804	49.693	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	74303	47.878	ug/l	100
28) Bromochloromethane	4.891	49	38405	40.443	ug/l	100
29) Tetrahydrofuran	5.001	42	157385	234.761	ug/l	99
30) Chloroform	5.086	83	125654	47.537	ug/l	99
31) Cyclohexane	5.452	56	90311	45.539	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	116187	47.855	ug/l	100
36) 1,1-Dichloropropene	5.684	75	79725	47.903	ug/l	99
37) Ethyl Acetate	4.708	43	97457	48.762	ug/l	98
38) Carbon Tetrachloride	5.665	117	98237	49.860	ug/l	98
39) Methylcyclohexane	7.372	83	102654	49.041	ug/l	98
40) Benzene	6.031	78	243834	48.322	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	51572	49.570	ug/l	96
42) 1,2-Dichloroethane	6.080	62	102037	49.623	ug/l	100
43) Isopropyl Acetate	6.336	43	163847	49.633	ug/l	100
44) Trichloroethene	7.116	130	65059	48.610	ug/l	97
45) 1,2-Dichloropropane	7.421	63	61074	49.320	ug/l	98
46) Dibromomethane	7.574	93	48803	49.182	ug/l	100
47) Bromodichloromethane	7.818	83	98479	50.480	ug/l	99
48) Methyl methacrylate	7.690	41	78734	48.608	ug/l	99
49) 1,4-Dioxane	7.659	88	32281	1025.241	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	489879	244.331	ug/l	99
52) Toluene	8.714	92	151069	47.769	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	98731	50.929	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	104185	50.108	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	61731	49.116	ug/l	99
56) Ethyl methacrylate	9.116	69	104198	50.709	ug/l	99
57) 1,3-Dichloropropane	9.305	76	104737	48.928	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	234306	252.972	ug/l	100
59) 2-Hexanone	9.427	43	372110	245.424	ug/l	99
60) Dibromochloromethane	9.518	129	73257	50.242	ug/l	99
61) 1,2-Dibromoethane	9.604	107	65760	48.698	ug/l	99
64) Tetrachloroethene	9.268	164	55704	49.152	ug/l	93
65) Chlorobenzene	10.073	112	167328	47.653	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	61993	49.929	ug/l	98
67) Ethyl Benzene	10.189	91	296719	48.889	ug/l	100
68) m/p-Xylenes	10.299	106	222314	96.926	ug/l	99
69) o-Xylene	10.640	106	108870	47.767	ug/l	99
70) Styrene	10.652	104	182580	49.430	ug/l	99
71) Bromoform	10.799	173	48661	51.161	ug/l #	100
73) Isopropylbenzene	10.957	105	288144	48.114	ug/l	100
74) N-amyl acetate	10.841	43	133405	46.925	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	93221	47.782	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	82331m	48.187	ug/l	
77) Bromobenzene	11.195	156	69012	47.353	ug/l	99
78) n-propylbenzene	11.299	91	325532	49.515	ug/l	100
79) 2-Chlorotoluene	11.360	91	199947	47.306	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	240364	48.655	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	32510	49.312	ug/l	99
82) 4-Chlorotoluene	11.451	91	230195	47.809	ug/l	99
83) tert-Butylbenzene	11.713	119	243853	47.912	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	241425	48.570	ug/l	98
85) sec-Butylbenzene	11.890	105	298148	49.416	ug/l	100
86) p-Isopropyltoluene	12.006	119	250050	49.675	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	124702	48.573	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	124957	47.210	ug/l	99
89) n-Butylbenzene	12.329	91	217694	51.657	ug/l	100
90) Hexachloroethane	12.536	117	47392	50.201	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	124550	47.438	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22851	47.973	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	75232	49.703	ug/l	100
94) Hexachlorobutadiene	13.725	225	31230	52.047	ug/l	96
95) Naphthalene	13.774	128	259359	46.611	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	76976	49.290	ug/l	99

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

