

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103024\
 Data File : VX043610.D
 Acq On : 30 Oct 2024 09:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 31 09:40:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/01/2024
 Supervised By :Mahesh Dadoda 11/01/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	150073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	269353	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	115673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	112202	46.889	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.780%		
35) Dibromofluoromethane	5.379	113	94915	51.966	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.940%		
50) Toluene-d8	8.647	98	326824	51.692	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.380%		
62) 4-Bromofluorobenzene	11.079	95	124327	53.067	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	106.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	71574	44.596	ug/l	99
3) Chloromethane	1.294	50	87599	42.698	ug/l	98
4) Vinyl Chloride	1.374	62	85695	45.006	ug/l	99
5) Bromomethane	1.593	94	35512	45.750	ug/l	94
6) Chloroethane	1.660	64	30486	45.446	ug/l	99
7) Trichlorofluoromethane	1.861	101	104723	45.021	ug/l	99
8) Diethyl Ether	2.136	74	53489	49.770	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.313	101	76076	48.361	ug/l	98
10) Methyl Iodide	2.441	142	108842	47.890	ug/l	97
11) Tert butyl alcohol	3.014	59	108451	242.814	ug/l #	100
12) 1,1-Dichloroethene	2.306	96	75194	46.775	ug/l	93
13) Acrolein	2.239	56	74024	211.927	ug/l	100
14) Allyl chloride	2.654	41	131287	47.217	ug/l	95
15) Acrylonitrile	3.068	53	252559	250.451	ug/l	99
16) Acetone	2.392	43	257260	270.728	ug/l	97
17) Carbon Disulfide	2.495	76	143574	42.711	ug/l	99
18) Methyl Acetate	2.703	43	132295	47.636	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	295972	48.412	ug/l	98
20) Methylene Chloride	2.782	84	95520	46.641	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	80110	47.169	ug/l	94
22) Diisopropyl ether	3.764	45	274400	47.745	ug/l	92
23) Vinyl Acetate	3.721	43	1179393	248.394	ug/l	99
24) 1,1-Dichloroethane	3.599	63	154349	46.726	ug/l	98
25) 2-Butanone	4.562	43	350984	253.209	ug/l	97
26) 2,2-Dichloropropane	4.465	77	128192	47.410	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	107437	49.522	ug/l	96
28) Bromochloromethane	4.891	49	79972	50.892	ug/l	97
29) Tetrahydrofuran	5.007	42	216487	240.326	ug/l	97
30) Chloroform	5.086	83	165613	47.828	ug/l	100
31) Cyclohexane	5.458	56	114348	45.259	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	132895	45.714	ug/l	99
36) 1,1-Dichloropropene	5.678	75	97077	44.823	ug/l	97
37) Ethyl Acetate	4.715	43	130909	49.788	ug/l	97
38) Carbon Tetrachloride	5.666	117	109072	45.579	ug/l	99
39) Methylcyclohexane	7.373	83	129506	48.163	ug/l	98
40) Benzene	6.031	78	344839	47.728	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	69757	50.543	ug/l	95
42) 1,2-Dichloroethane	6.080	62	121452	46.758	ug/l	97
43) Isopropyl Acetate	6.342	43	209353	48.146	ug/l	98
44) Trichloroethene	7.117	130	87016	48.479	ug/l	94
45) 1,2-Dichloropropane	7.421	63	85671	48.156	ug/l	99
46) Dibromomethane	7.574	93	66672	48.673	ug/l	96
47) Bromodichloromethane	7.818	83	123136	51.242	ug/l	99
48) Methyl methacrylate	7.690	41	101279	49.127	ug/l	95
49) 1,4-Dioxane	7.665	88	35094	828.559	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	657274	248.002	ug/l	98
52) Toluene	8.714	92	218703	49.912	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	131592	50.985	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	141165	51.333	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	93459	51.241	ug/l	99
56) Ethyl methacrylate	9.116	69	149715	50.517	ug/l	93
57) 1,3-Dichloropropane	9.305	76	152310	50.209	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	387207	269.768	ug/l	97
59) 2-Hexanone	9.433	43	502607	249.695	ug/l	96
60) Dibromochloromethane	9.519	129	96239	53.286	ug/l	98
61) 1,2-Dibromoethane	9.610	107	95281	50.325	ug/l	98
64) Tetrachloroethene	9.269	164	71453	47.505	ug/l	97
65) Chlorobenzene	10.079	112	246845	47.976	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	84757	50.433	ug/l	98
67) Ethyl Benzene	10.189	91	394382	47.008	ug/l	99
68) m/p-Xylenes	10.299	106	312586	97.427	ug/l	96
69) o-Xylene	10.640	106	158887	49.288	ug/l	97
70) Styrene	10.653	104	272620	50.882	ug/l	99
71) Bromoform	10.799	173	63250	52.344	ug/l #	99
73) Isopropylbenzene	10.957	105	381714	46.585	ug/l	99
74) N-amyl acetate	10.841	43	182532	45.729	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	141135	47.900	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	114398m	46.254	ug/l	
77) Bromobenzene	11.195	156	102861	48.616	ug/l	97
78) n-propylbenzene	11.305	91	429391	48.063	ug/l	99
79) 2-Chlorotoluene	11.360	91	273511	46.169	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	322893	47.262	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	44246	49.216	ug/l	94
82) 4-Chlorotoluene	11.451	91	316271	47.565	ug/l	96
83) tert-Butylbenzene	11.713	119	325979	46.916	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	336881	48.385	ug/l	96
85) sec-Butylbenzene	11.890	105	388641	47.720	ug/l	98
86) p-Isopropyltoluene	12.006	119	335157	48.414	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	188015	49.579	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	187678	47.762	ug/l	99
89) n-Butylbenzene	12.329	91	283231	50.210	ug/l	99
90) Hexachloroethane	12.536	117	55596	49.441	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	194011	50.031	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	28504	47.454	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	122941	52.231	ug/l	99
94) Hexachlorobutadiene	13.725	225	43330	49.928	ug/l	97
95) Naphthalene	13.774	128	461342	51.219	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	126305	50.894	ug/l	98

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

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