

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100324\
 Data File : VX043270.D
 Acq On : 03 Oct 2024 18:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 04 01:36:46 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 : John Carlone 10/04/2024
 Supervised By : Mahesh Dadoda 10/04/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	112786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	187556	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	158082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75329	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	78054	42.375	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.760%
35) Dibromofluoromethane	5.385	113	58094	44.914	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.820%
50) Toluene-d8	8.647	98	193679	43.208	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	86.420%
62) 4-Bromofluorobenzene	11.079	95	70385	43.222	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	86.440%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	60369	46.016	ug/l	98
3) Chloromethane	1.294	50	56954	42.152	ug/l	100
4) Vinyl Chloride	1.374	62	61790	45.656	ug/l	97
5) Bromomethane	1.599	94	22062	39.901	ug/l	100
6) Chloroethane	1.666	64	21974	43.600	ug/l	99
7) Trichlorofluoromethane	1.867	101	92110	45.551	ug/l	99
8) Diethyl Ether	2.136	74	36977	46.990	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	59339	47.024	ug/l	99
10) Methyl Iodide	2.447	142	69372	43.769	ug/l	100
11) Tert butyl alcohol	3.001	59	86234	246.020	ug/l	100
12) 1,1-Dichloroethene	2.312	96	56193	44.843	ug/l	99
13) Acrolein	2.239	56	76877	232.213	ug/l	99
14) Allyl chloride	2.660	41	92598	44.978	ug/l	99
15) Acrylonitrile	3.068	53	169381	236.653	ug/l	99
16) Acetone	2.392	43	157984	205.382	ug/l	99
17) Carbon Disulfide	2.501	76	123107	40.390	ug/l	97
18) Methyl Acetate	2.709	43	97172	50.357	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	223641	49.884	ug/l	99
20) Methylene Chloride	2.788	84	63225	44.579	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	59191	47.462	ug/l	97
22) Diisopropyl ether	3.763	45	200291	48.370	ug/l	97
23) Vinyl Acetate	3.721	43	1209338	252.310	ug/l	99
24) 1,1-Dichloroethane	3.605	63	115920	48.053	ug/l	99
25) 2-Butanone	4.562	43	242939	230.338	ug/l	100
26) 2,2-Dichloropropane	4.471	77	103677	45.171	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	71759	46.137	ug/l	98
28) Bromochloromethane	4.903	49	39613	41.623	ug/l	100
29) Tetrahydrofuran	5.013	42	156932	233.566	ug/l	100
30) Chloroform	5.092	83	124843	47.125	ug/l	100
31) Cyclohexane	5.464	56	91922	46.249	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	116717	47.967	ug/l	100
36) 1,1-Dichloropropene	5.690	75	79424	48.605	ug/l	99
37) Ethyl Acetate	4.721	43	98089	49.987	ug/l	99
38) Carbon Tetrachloride	5.672	117	97655	50.483	ug/l	99
39) Methylcyclohexane	7.379	83	100069	48.692	ug/l	99
40) Benzene	6.031	78	242940	49.037	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	51787	50.698	ug/l	96
42) 1,2-Dichloroethane	6.086	62	102384	50.714	ug/l	100
43) Isopropyl Acetate	6.342	43	160966	49.663	ug/l	99
44) Trichloroethene	7.123	130	65224	49.636	ug/l	94
45) 1,2-Dichloropropane	7.427	63	60143	49.467	ug/l	99
46) Dibromomethane	7.580	93	48615	49.900	ug/l	98
47) Bromodichloromethane	7.818	83	96947	50.614	ug/l	98
48) Methyl methacrylate	7.696	41	78328	49.253	ug/l	99
49) 1,4-Dioxane	7.665	88	34065	1101.934	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	488840	248.328	ug/l	99
52) Toluene	8.714	92	150463	48.458	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	94369	49.581	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	100271	49.119	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	60932	49.378	ug/l	97
56) Ethyl methacrylate	9.116	69	103028	51.068	ug/l	99
57) 1,3-Dichloropropane	9.305	76	103540	49.264	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	232712	255.903	ug/l	100
59) 2-Hexanone	9.433	43	372722	250.379	ug/l	99
60) Dibromochloromethane	9.518	129	69090	48.262	ug/l	98
61) 1,2-Dibromoethane	9.610	107	64209	48.430	ug/l	100
64) Tetrachloroethene	9.275	164	53321	48.611	ug/l	96
65) Chlorobenzene	10.079	112	163490	48.105	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	60221	50.111	ug/l	99
67) Ethyl Benzene	10.195	91	287881	49.007	ug/l	99
68) m/p-Xylenes	10.299	106	214462	96.606	ug/l	98
69) o-Xylene	10.640	106	106831	48.428	ug/l	99
70) Styrene	10.652	104	180408	50.463	ug/l	99
71) Bromoform	10.799	173	46942	50.991	ug/l #	99
73) Isopropylbenzene	10.963	105	279425	47.711	ug/l	99
74) N-amyl acetate	10.841	43	136527	49.107	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	93555	49.035	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	80196m	47.996	ug/l	
77) Bromobenzene	11.195	156	67752	47.537	ug/l	100
78) n-propylbenzene	11.305	91	315475	49.068	ug/l	100
79) 2-Chlorotoluene	11.366	91	194540	47.065	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	235295	48.704	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	29193	45.280	ug/l	95
82) 4-Chlorotoluene	11.451	91	226491	48.101	ug/l	100
83) tert-Butylbenzene	11.713	119	238251	47.868	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	233919	48.122	ug/l	97
85) sec-Butylbenzene	11.890	105	287933	48.800	ug/l	99
86) p-Isopropyltoluene	12.006	119	239521	48.657	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	121233	48.287	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	120562	46.577	ug/l	99
89) n-Butylbenzene	12.329	91	206130	50.016	ug/l	99
90) Hexachloroethane	12.536	117	44782	48.507	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	122452	47.691	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22322	47.920	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	73386	49.578	ug/l	100
94) Hexachlorobutadiene	13.725	225	29692	50.601	ug/l	98
95) Naphthalene	13.774	128	262695	48.276	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	73595	48.189	ug/l	95

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

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