

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103024\
 Data File : VX043635.D
 Acq On : 30 Oct 2024 19:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Oct 31 23:05:06 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	178240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	309741	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	267658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130349	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	119154	41.925	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.840%
35) Dibromofluoromethane	5.385	113	101122	48.145	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.300%
50) Toluene-d8	8.647	98	364584	50.145	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.280%
62) 4-Bromofluorobenzene	11.079	95	129928	48.226	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.460%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	79275	41.589	ug/l	99
3) Chloromethane	1.294	50	96812	39.732	ug/l	99
4) Vinyl Chloride	1.374	62	100526	44.452	ug/l	97
5) Bromomethane	1.593	94	39084	42.395	ug/l	98
6) Chloroethane	1.660	64	37538	47.116	ug/l	99
7) Trichlorofluoromethane	1.861	101	137983	49.946	ug/l	99
8) Diethyl Ether	2.136	74	58194	45.591	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.313	101	91191	48.808	ug/l	97
10) Methyl Iodide	2.441	142	127844	47.361	ug/l	95
11) Tert butyl alcohol	3.014	59	103782	195.641	ug/l #	100
12) 1,1-Dichloroethene	2.307	96	92067	48.221	ug/l	91
13) Acrolein	2.239	56	81147	195.607	ug/l	97
14) Allyl chloride	2.654	41	146465	44.352	ug/l	94
15) Acrylonitrile	3.069	53	263576	220.072	ug/l	99
16) Acetone	2.392	43	213080	188.800	ug/l	97
17) Carbon Disulfide	2.502	76	171185	42.877	ug/l	98
18) Methyl Acetate	2.709	43	135378	41.043	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	319117	43.949	ug/l	97
20) Methylene Chloride	2.782	84	103475	42.541	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	95349	47.270	ug/l	94
22) Diisopropyl ether	3.764	45	300353	44.002	ug/l	92
23) Vinyl Acetate	3.721	43	1249182	221.516	ug/l	99
24) 1,1-Dichloroethane	3.605	63	175913	44.839	ug/l	98
25) 2-Butanone	4.562	43	343103	208.407	ug/l	94
26) 2,2-Dichloropropane	4.471	77	128379	39.976	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	120050	46.591	ug/l	95
28) Bromochloromethane	4.891	49	81637	43.742	ug/l	93
29) Tetrahydrofuran	5.007	42	224202	209.558	ug/l	96
30) Chloroform	5.086	83	184309	44.816	ug/l	96
31) Cyclohexane	5.458	56	136826	45.598	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	160242	46.410	ug/l	98
36) 1,1-Dichloropropene	5.684	75	117552	47.200	ug/l	97
37) Ethyl Acetate	4.715	43	133728	44.228	ug/l	98
38) Carbon Tetrachloride	5.672	117	132473	48.140	ug/l	99
39) Methylcyclohexane	7.379	83	148577	48.050	ug/l	95
40) Benzene	6.031	78	392480	47.238	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	73728	46.454	ug/l	96
42) 1,2-Dichloroethane	6.080	62	129043	43.203	ug/l	97
43) Isopropyl Acetate	6.342	43	220004	43.998	ug/l	98
44) Trichloroethene	7.123	130	102297	49.561	ug/l	93
45) 1,2-Dichloropropane	7.421	63	95978	46.915	ug/l	99
46) Dibromomethane	7.580	93	70976	45.058	ug/l	94
47) Bromodichloromethane	7.818	83	129855	46.992	ug/l	98
48) Methyl methacrylate	7.696	41	107340	45.277	ug/l	95
49) 1,4-Dioxane	7.671	88	51867	1064.890	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	693837	227.662	ug/l	97
52) Toluene	8.714	92	247578	49.134	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	136565	46.012	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	151502	47.908	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	100639	47.983	ug/l	99
56) Ethyl methacrylate	9.116	69	161195	47.299	ug/l	93
57) 1,3-Dichloropropane	9.305	76	164980	47.294	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	376649	228.196	ug/l	96
59) 2-Hexanone	9.433	43	526010	227.247	ug/l	96
60) Dibromochloromethane	9.519	129	102501	49.353	ug/l	99
61) 1,2-Dibromoethane	9.610	107	104203	47.860	ug/l	97
64) Tetrachloroethene	9.269	164	88371	52.495	ug/l	91
65) Chlorobenzene	10.079	112	275636	47.866	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	95145	50.585	ug/l	98
67) Ethyl Benzene	10.195	91	457507	48.724	ug/l	100
68) m/p-Xylenes	10.299	106	361281	100.611	ug/l	95
69) o-Xylene	10.640	106	180468	50.021	ug/l	98
70) Styrene	10.653	104	304770	50.824	ug/l	99
71) Bromoform	10.799	173	67510	49.919	ug/l #	97
73) Isopropylbenzene	10.963	105	458206	49.624	ug/l	100
74) N-amyl acetate	10.842	43	204963	45.567	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	154974	46.675	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	122978m	44.125	ug/l	
77) Bromobenzene	11.195	156	114236	47.913	ug/l	97
78) n-propylbenzene	11.305	91	506292	50.290	ug/l	98
79) 2-Chlorotoluene	11.366	91	312933	46.876	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	381288	49.526	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	46497	45.896	ug/l	93
82) 4-Chlorotoluene	11.451	91	357029	47.649	ug/l	96
83) tert-Butylbenzene	11.713	119	393454	50.251	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	387269	49.359	ug/l	96
85) sec-Butylbenzene	11.890	105	470486	51.265	ug/l	98
86) p-Isopropyltoluene	12.006	119	403373	51.708	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	208079	48.692	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	208065	46.988	ug/l	99
89) n-Butylbenzene	12.329	91	332343	52.283	ug/l	100
90) Hexachloroethane	12.536	117	65193	51.448	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	215706	49.363	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	30578	45.175	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	133572	50.359	ug/l	99
94) Hexachlorobutadiene	13.725	225	50067	51.196	ug/l	99
95) Naphthalene	13.774	128	498265	49.090	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	137595	49.201	ug/l	99

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

