

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044395.D
 Acq On : 18 Dec 2024 19:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 19 00:53:32 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

Manual Integrations APPROVED

Reviewed By : John Carlone 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	128806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	231562	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92192	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	102044	45.184	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.360%
35) Dibromofluoromethane	5.379	113	78617	49.020	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.040%
50) Toluene-d8	8.647	98	258060	47.694	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.380%
62) 4-Bromofluorobenzene	11.079	95	87444	46.251	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	101127	50.775	ug/l	97
3) Chloromethane	1.295	50	103746	54.472	ug/l	98
4) Vinyl Chloride	1.374	62	103445	52.134	ug/l	98
5) Bromomethane	1.593	94	67793	48.160	ug/l	98
6) Chloroethane	1.660	64	71772	58.090	ug/l	99
7) Trichlorofluoromethane	1.868	101	159151	40.971	ug/l	99
8) Diethyl Ether	2.136	74	61981	46.745	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.313	101	74293	47.265	ug/l	97
10) Methyl Iodide	2.441	142	110675	53.424	ug/l	98
11) Tert butyl alcohol	2.995	59	61810	194.195	ug/l	98
12) 1,1-Dichloroethene	2.307	96	74624	51.687	ug/l	97
13) Acrolein	2.233	56	131600	285.631	ug/l	99
14) Allyl chloride	2.654	41	122245	50.834	ug/l	99
15) Acrylonitrile	3.069	53	227490	258.021	ug/l	99
16) Acetone	2.386	43	197278	214.267	ug/l	95
17) Carbon Disulfide	2.502	76	136022	49.563	ug/l	99
18) Methyl Acetate	2.709	43	117496	49.494	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	278770	49.479	ug/l	98
20) Methylene Chloride	2.782	84	89530	51.772	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	77722	50.653	ug/l	97
22) Diisopropyl ether	3.764	45	268559	49.594	ug/l	97
23) Vinyl Acetate	3.721	43	1185904	269.370	ug/l	99
24) 1,1-Dichloroethane	3.605	63	154722	51.258	ug/l	98
25) 2-Butanone	4.562	43	319886	244.389	ug/l	99
26) 2,2-Dichloropropane	4.465	77	103750	42.309	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	98262	50.424	ug/l	95
28) Bromochloromethane	4.898	49	72263	48.821	ug/l	98
29) Tetrahydrofuran	5.007	42	206531	245.825	ug/l	99
30) Chloroform	5.087	83	165359	48.758	ug/l	98
31) Cyclohexane	5.458	56	112724	46.246	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	136491	48.484	ug/l	100
36) 1,1-Dichloropropene	5.684	75	98106	47.323	ug/l	98
37) Ethyl Acetate	4.715	43	129759	50.635	ug/l	100
38) Carbon Tetrachloride	5.672	117	107841	48.318	ug/l	99
39) Methylcyclohexane	7.373	83	122156	49.289	ug/l	97
40) Benzene	6.032	78	323543	51.403	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	67557	49.647	ug/l	98
42) 1,2-Dichloroethane	6.086	62	128355	49.504	ug/l	96
43) Isopropyl Acetate	6.342	43	203040	50.693	ug/l	99
44) Trichloroethene	7.123	130	80410	51.229	ug/l	96
45) 1,2-Dichloropropane	7.428	63	80917	50.319	ug/l	99
46) Dibromomethane	7.580	93	64847	51.979	ug/l	95
47) Bromodichloromethane	7.818	83	114945	53.349	ug/l	99
48) Methyl methacrylate	7.696	41	95430	49.082	ug/l	97
49) 1,4-Dioxane	7.665	88	27544	854.459	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	646548	251.054	ug/l	98
52) Toluene	8.714	92	192849	48.790	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	108831	47.246	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	121772	51.907	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	83289	53.041	ug/l	96
56) Ethyl methacrylate	9.116	69	128375	51.786	ug/l	97
57) 1,3-Dichloropropane	9.305	76	139034	50.869	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	316405	253.061	ug/l	100
59) 2-Hexanone	9.433	43	474334	254.459	ug/l	99
60) Dibromochloromethane	9.519	129	80110	48.292	ug/l	97
61) 1,2-Dibromoethane	9.610	107	83651	52.335	ug/l	98
64) Tetrachloroethene	9.269	164	65080	49.442	ug/l	99
65) Chlorobenzene	10.080	112	212528	50.011	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	72780	53.289	ug/l	98
67) Ethyl Benzene	10.189	91	358882	48.877	ug/l	97
68) m/p-Xylenes	10.299	106	272625	101.186	ug/l	96
69) o-Xylene	10.640	106	137600	50.475	ug/l	94
70) Styrene	10.653	104	227233	51.996	ug/l	96
71) Bromoform	10.799	173	47848	50.123	ug/l #	99
73) Isopropylbenzene	10.964	105	341494	48.386	ug/l	100
74) N-amyl acetate	10.842	43	167806	51.447	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	125333	51.128	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	99482m	48.329	ug/l	
77) Bromobenzene	11.195	156	86623	50.614	ug/l	97
78) n-propylbenzene	11.305	91	382775	49.070	ug/l	98
79) 2-Chlorotoluene	11.366	91	238254	47.227	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	283243	48.394	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	31620	44.685	ug/l	98
82) 4-Chlorotoluene	11.451	91	264905	47.419	ug/l	98
83) tert-Butylbenzene	11.713	119	282938	48.916	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	287742	50.060	ug/l	99
85) sec-Butylbenzene	11.890	105	339068	48.287	ug/l	98
86) p-Isopropyltoluene	12.006	119	284281	48.641	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	148170	49.564	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	148965	48.473	ug/l	98
89) n-Butylbenzene	12.329	91	239841	48.803	ug/l	99
90) Hexachloroethane	12.536	117	42721	50.075	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	154736	49.849	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23089	48.520	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	85945	50.503	ug/l	99
94) Hexachlorobutadiene	13.725	225	34008	49.682	ug/l	98
95) Naphthalene	13.774	128	324880	48.907	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	90839	50.326	ug/l	97

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

