

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044109.D
 Acq On : 04 Dec 2024 12:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 05 00:21:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/05/2024
 Supervised By : Mahesh Dadoda 12/05/2024

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	121433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	212858	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	180347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	85782	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	106394	51.083	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.160%	
35) Dibromofluoromethane	5.379	113	78606	51.681	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.360%	
50) Toluene-d8	8.647	98	263953	50.344	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.680%	
62) 4-Bromofluorobenzene	11.079	95	95182	53.343	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.680%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	67307	43.752	ug/l	96
3) Chloromethane	1.295	50	69241	42.772	ug/l	99
4) Vinyl Chloride	1.374	62	78753	45.737	ug/l	97
5) Bromomethane	1.593	94	55625	52.513	ug/l	100
6) Chloroethane	1.660	64	49235	46.927	ug/l	97
7) Trichlorofluoromethane	1.868	101	155311	50.451	ug/l	98
8) Diethyl Ether	2.130	74	55482	49.448	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.313	101	76765	52.277	ug/l	98
10) Methyl Iodide	2.441	142	89895	49.017	ug/l	97
11) Tert butyl alcohol	2.995	59	72474	216.790	ug/l	95
12) 1,1-Dichloroethene	2.307	96	69109	49.390	ug/l	93
13) Acrolein	2.233	56	107424	304.860	ug/l	99
14) Allyl chloride	2.654	41	119231	52.148	ug/l	98
15) Acrylonitrile	3.063	53	203671	250.001	ug/l	96
16) Acetone	2.386	43	236534	247.264	ug/l	99
17) Carbon Disulfide	2.502	76	131624	45.603	ug/l	99
18) Methyl Acetate	2.703	43	112337	50.427	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	269141	52.973	ug/l	99
20) Methylene Chloride	2.782	84	79519	48.984	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	72334	50.070	ug/l	97
22) Diisopropyl ether	3.757	45	259161	53.009	ug/l	97
23) Vinyl Acetate	3.715	43	1125070	269.010	ug/l	100
24) 1,1-Dichloroethane	3.599	63	143703	50.951	ug/l	99
25) 2-Butanone	4.556	43	316998	256.820	ug/l	100
26) 2,2-Dichloropropane	4.465	77	133929	52.580	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	91119	51.026	ug/l	99
28) Bromochloromethane	4.891	49	59097	47.602	ug/l	97
29) Tetrahydrofuran	5.007	42	190074	251.182	ug/l	99
30) Chloroform	5.080	83	158048	52.101	ug/l	94
31) Cyclohexane	5.458	56	118676	51.124	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	141586	54.124	ug/l	99
36) 1,1-Dichloropropene	5.684	75	102557	54.110	ug/l	97
37) Ethyl Acetate	4.715	43	121923	51.822	ug/l	98
38) Carbon Tetrachloride	5.666	117	112591	52.868	ug/l	97
39) Methylcyclohexane	7.373	83	134572	54.654	ug/l	96
40) Benzene	6.025	78	301458	51.062	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	63088	52.392	ug/l	94
42) 1,2-Dichloroethane	6.080	62	125415	52.893	ug/l	100
43) Isopropyl Acetate	6.336	43	200882	53.652	ug/l	99
44) Trichloroethene	7.117	130	74668	44.677	ug/l	95
45) 1,2-Dichloropropane	7.421	63	75747	52.385	ug/l	99
46) Dibromomethane	7.574	93	60579	52.962	ug/l	99
47) Bromodichloromethane	7.818	83	111906	54.550	ug/l	100
48) Methyl methacrylate	7.690	41	96199	53.544	ug/l	97
49) 1,4-Dioxane	7.665	88	29167	911.376	ug/l	91
51) 4-Methyl-2-Pentanone	8.574	43	625139	273.595	ug/l	98
52) Toluene	8.714	92	189864	53.731	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	115260	55.097	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	124403	54.246	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	75664	51.872	ug/l	97
56) Ethyl methacrylate	9.116	69	124403	54.755	ug/l	98
57) 1,3-Dichloropropane	9.305	76	129718	52.791	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	392231	315.913	ug/l	99
59) 2-Hexanone	9.433	43	478582	278.668	ug/l	99
60) Dibromochloromethane	9.519	129	78916	53.922	ug/l	100
61) 1,2-Dibromoethane	9.604	107	80945	54.881	ug/l	97
64) Tetrachloroethene	9.269	164	63710	53.575	ug/l	98
65) Chlorobenzene	10.080	112	204565	51.646	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	70769	55.091	ug/l	98
67) Ethyl Benzene	10.189	91	372467	55.494	ug/l	97
68) m/p-Xylenes	10.299	106	271912	108.636	ug/l	98
69) o-Xylene	10.640	106	135482	55.439	ug/l	97
70) Styrene	10.653	104	228338	56.492	ug/l	98
71) Bromoform	10.799	173	47650	48.902	ug/l #	99
73) Isopropylbenzene	10.957	105	356215	54.021	ug/l	99
74) N-amyl acetate	10.842	43	171732	56.219	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	115361	51.094	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	100162m	53.244	ug/l	
77) Bromobenzene	11.195	156	82146	52.223	ug/l	99
78) n-propylbenzene	11.305	91	407948	55.393	ug/l	98
79) 2-Chlorotoluene	11.360	91	248427	53.346	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	296839	54.718	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	34600	50.189	ug/l	95
82) 4-Chlorotoluene	11.451	91	286787	54.548	ug/l	99
83) tert-Butylbenzene	11.713	119	300081	55.808	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	299486	55.450	ug/l	99
85) sec-Butylbenzene	11.890	105	369889	56.145	ug/l	100
86) p-Isopropyltoluene	12.006	119	309369	57.811	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	152725	53.309	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	152113	52.078	ug/l	98
89) n-Butylbenzene	12.329	91	276372	58.576	ug/l	99
90) Hexachloroethane	12.536	117	47394	52.083	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	151397	52.365	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	25340	56.011	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	89505	52.510	ug/l	99
94) Hexachlorobutadiene	13.719	225	36929	54.818	ug/l	95
95) Naphthalene	13.774	128	348746	56.837	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	92849	53.817	ug/l	97

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

