

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
 Data File : VX044197.D
 Acq On : 10 Dec 2024 10:43
 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 11 01:25:49 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 12/11/2024
 Supervised By : Mahesh Dadoda 12/11/2024

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	121082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	212067	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	187191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91127	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	106260	51.166	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.340%
35) Dibromofluoromethane	5.379	113	79263	52.308	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.620%
50) Toluene-d8	8.647	98	268167	51.339	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.680%
62) 4-Bromofluorobenzene	11.079	95	97578	54.890	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.780%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	63839	41.618	ug/l	97
3) Chloromethane	1.294	50	68950	42.716	ug/l	99
4) Vinyl Chloride	1.374	62	76098	44.323	ug/l	99
5) Bromomethane	1.593	94	55134	52.201	ug/l	97
6) Chloroethane	1.660	64	51361	49.095	ug/l	98
7) Trichlorofluoromethane	1.867	101	171671	55.927	ug/l	100
8) Diethyl Ether	2.130	74	56553	50.549	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.313	101	73331	50.083	ug/l	98
10) Methyl Iodide	2.441	142	90454	49.465	ug/l	97
11) Tert butyl alcohol	2.995	59	83857	251.566	ug/l	97
12) 1,1-Dichloroethene	2.306	96	64019	45.885	ug/l	97
13) Acrolein	2.233	56	101837	289.842	ug/l	97
14) Allyl chloride	2.654	41	115018	50.451	ug/l	97
15) Acrylonitrile	3.068	53	227165	279.648	ug/l	99
16) Acetone	2.386	43	277283	290.702	ug/l	99
17) Carbon Disulfide	2.495	76	116422	40.453	ug/l	99
18) Methyl Acetate	2.703	43	123713	55.695	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	270415	53.378	ug/l	99
20) Methylene Chloride	2.782	84	77152	47.664	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	69426	48.196	ug/l	99
22) Diisopropyl ether	3.763	45	258512	53.030	ug/l	97
23) Vinyl Acetate	3.721	43	1139264	273.194	ug/l	99
24) 1,1-Dichloroethane	3.599	63	142627	50.716	ug/l	100
25) 2-Butanone	4.562	43	363724	295.530	ug/l	99
26) 2,2-Dichloropropane	4.465	77	132529	52.181	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	90693	50.935	ug/l	98
28) Bromochloromethane	4.891	49	59174	47.802	ug/l	96
29) Tetrahydrofuran	5.007	42	209149	277.191	ug/l	99
30) Chloroform	5.086	83	156932	51.884	ug/l	99
31) Cyclohexane	5.452	56	111927	48.357	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	138440	53.075	ug/l	99
36) 1,1-Dichloropropene	5.684	75	97232	51.492	ug/l	98
37) Ethyl Acetate	4.715	43	134827	57.521	ug/l	98
38) Carbon Tetrachloride	5.672	117	112117	52.842	ug/l	96
39) Methylcyclohexane	7.373	83	123359	50.287	ug/l	97
40) Benzene	6.031	78	296645	50.434	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	68558	57.147	ug/l	94
42) 1,2-Dichloroethane	6.080	62	126793	53.674	ug/l	100
43) Isopropyl Acetate	6.336	43	212244	56.898	ug/l	99
44) Trichloroethene	7.117	130	75985	45.635	ug/l	92
45) 1,2-Dichloropropane	7.427	63	77311	53.666	ug/l	97
46) Dibromomethane	7.580	93	62367	54.728	ug/l	99
47) Bromodichloromethane	7.818	83	115501	56.513	ug/l	99
48) Methyl methacrylate	7.690	41	99017	55.319	ug/l	98
49) 1,4-Dioxane	7.659	88	28446	892.162	ug/l #	74
51) 4-Methyl-2-Pentanone	8.574	43	696425	305.931	ug/l	100
52) Toluene	8.714	92	189268	53.762	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	120064	57.607	ug/l	96
54) cis-1,3-Dichloropropene	8.360	75	125311	54.845	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	80926	55.687	ug/l	96
56) Ethyl methacrylate	9.116	69	134754	59.532	ug/l	100
57) 1,3-Dichloropropane	9.305	76	135605	55.393	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	314332	253.403	ug/l	99
59) 2-Hexanone	9.427	43	545883	319.041	ug/l	100
60) Dibromochloromethane	9.519	129	85107	58.369	ug/l	99
61) 1,2-Dibromoethane	9.610	107	85669	58.300	ug/l	96
64) Tetrachloroethene	9.269	164	62970	51.016	ug/l	98
65) Chlorobenzene	10.079	112	214102	52.077	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	76789	57.592	ug/l	96
67) Ethyl Benzene	10.189	91	378463	54.326	ug/l	99
68) m/p-Xylenes	10.299	106	281005	108.164	ug/l	99
69) o-Xylene	10.640	106	139928	55.165	ug/l	98
70) Styrene	10.652	104	235876	56.223	ug/l	98
71) Bromoform	10.799	173	53151	52.273	ug/l #	98
73) Isopropylbenzene	10.963	105	368919	52.666	ug/l	99
74) N-amyl acetate	10.841	43	186542	57.486	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	129580	54.025	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	110467m	55.278	ug/l	
77) Bromobenzene	11.195	156	86985	52.056	ug/l	98
78) n-propylbenzene	11.305	91	423839	54.176	ug/l	99
79) 2-Chlorotoluene	11.360	91	259490	52.453	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	310149	53.818	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	38314	52.317	ug/l	97
82) 4-Chlorotoluene	11.451	91	301801	54.037	ug/l	99
83) tert-Butylbenzene	11.713	119	316356	55.384	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	313218	54.591	ug/l	99
85) sec-Butylbenzene	11.890	105	388872	55.564	ug/l	100
86) p-Isopropyltoluene	12.006	119	325073	57.182	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	159843	52.521	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	160310	51.665	ug/l	97
89) n-Butylbenzene	12.329	91	283567	56.576	ug/l	99
90) Hexachloroethane	12.536	117	50899	52.654	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	164337	53.506	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	27603	57.434	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	96701	53.404	ug/l	99
94) Hexachlorobutadiene	13.725	225	39157	54.716	ug/l	96
95) Naphthalene	13.774	128	381783	58.572	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	101647	55.461	ug/l	98

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

