

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110124\
 Data File : VX043671.D
 Acq On : 01 Nov 2024 18:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 04 06:17:17 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

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/04/2024
 Supervised By :Semsettin Yesilyurt 11/04/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	177903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	314720	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	270572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128119	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	129972	45.818	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.640%
35) Dibromofluoromethane	5.385	113	107173	50.219	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.440%
50) Toluene-d8	8.647	98	374864	50.743	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.480%
62) 4-Bromofluorobenzene	11.079	95	143088	52.271	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.540%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	92132	48.425	ug/l	96
3) Chloromethane	1.294	50	104058	42.786	ug/l	99
4) Vinyl Chloride	1.374	62	107225	47.504	ug/l	97
5) Bromomethane	1.593	94	43312	47.070	ug/l	97
6) Chloroethane	1.660	64	42100	52.942	ug/l	94
7) Trichlorofluoromethane	1.868	101	152568	55.330	ug/l	97
8) Diethyl Ether	2.136	74	61900	48.586	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.313	101	104969	56.289	ug/l	98
10) Methyl Iodide	2.441	142	143090	53.110	ug/l	98
11) Tert butyl alcohol	3.087	59	6076	11.476	ug/l #	100
12) 1,1-Dichloroethene	2.306	96	101460	53.241	ug/l	97
13) Acrolein	2.239	56	91175	220.196	ug/l	99
14) Allyl chloride	2.654	41	180492	54.759	ug/l	98
15) Acrylonitrile	3.069	53	318304	266.270	ug/l	99
16) Acetone	2.386	43	278407	247.150	ug/l	99
17) Carbon Disulfide	2.502	76	192136	48.216	ug/l	100
18) Methyl Acetate	2.703	43	171703	52.154	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	387185	53.424	ug/l	97
20) Methylene Chloride	2.782	84	118738	48.908	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	105125	52.215	ug/l	97
22) Diisopropyl ether	3.764	45	368036	54.020	ug/l	93
23) Vinyl Acetate	3.721	43	1548201	275.061	ug/l	99
24) 1,1-Dichloroethane	3.599	63	208342	53.205	ug/l	100
25) 2-Butanone	4.562	43	443245	269.746	ug/l	98
26) 2,2-Dichloropropane	4.471	77	171840	53.611	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	136619	53.122	ug/l	99
28) Bromochloromethane	4.897	49	99727	53.536	ug/l	99
29) Tetrahydrofuran	5.007	42	282968	264.987	ug/l	99
30) Chloroform	5.093	83	216968	52.857	ug/l	98
31) Cyclohexane	5.464	56	162163	54.144	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	192731	55.925	ug/l	99
36) 1,1-Dichloropropene	5.684	75	139674	55.195	ug/l	99
37) Ethyl Acetate	4.715	43	169030	55.019	ug/l	99
38) Carbon Tetrachloride	5.672	117	157415	56.299	ug/l	97
39) Methylcyclohexane	7.373	83	174630	55.583	ug/l	97
40) Benzene	6.031	78	449831	53.285	ug/l	98

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41) Methacrylonitrile	4.922	41	96684	59.955	ug/l	99
42) 1,2-Dichloroethane	6.080	62	159714	52.625	ug/l	99
43) Isopropyl Acetate	6.342	43	281950	55.494	ug/l	100
44) Trichloroethene	7.123	130	116038	55.329	ug/l	96
45) 1,2-Dichloropropane	7.428	63	111796	53.782	ug/l	95
46) Dibromomethane	7.580	93	85207	53.237	ug/l	98
47) Bromodichloromethane	7.818	83	157407	56.061	ug/l	99
48) Methyl methacrylate	7.690	41	136449	56.645	ug/l	98
49) 1,4-Dioxane	7.665	88	51223	1035.031	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	880655	284.389	ug/l	100
52) Toluene	8.714	92	279144	54.523	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	168128	55.751	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	182297	56.734	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	115648	54.267	ug/l	98
56) Ethyl methacrylate	9.116	69	195106	56.344	ug/l	97
57) 1,3-Dichloropropane	9.305	76	189432	53.445	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	413914	246.806	ug/l	99
59) 2-Hexanone	9.433	43	666925	283.567	ug/l	99
60) Dibromochloromethane	9.519	129	121622	57.633	ug/l	99
61) 1,2-Dibromoethane	9.610	107	118636	53.627	ug/l	99
64) Tetrachloroethene	9.269	164	93211	54.774	ug/l	99
65) Chlorobenzene	10.079	112	317065	54.468	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	110200	57.958	ug/l	99
67) Ethyl Benzene	10.195	91	538489	56.731	ug/l	99
68) m/p-Xylenes	10.299	106	408923	112.653	ug/l	99
69) o-Xylene	10.640	106	206008	56.485	ug/l	99
70) Styrene	10.653	104	348639	57.514	ug/l	99
71) Bromoform	10.799	173	78947	57.747	ug/l #	97
73) Isopropylbenzene	10.963	105	530211	58.422	ug/l	100
74) N-amyl acetate	10.842	43	253439	57.325	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	177808	54.484	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	149147m	54.446	ug/l	
77) Bromobenzene	11.195	156	129626	55.315	ug/l	99
78) n-propylbenzene	11.305	91	592938	59.921	ug/l	99
79) 2-Chlorotoluene	11.360	91	370293	56.434	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	442626	58.494	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	56913	57.156	ug/l	94
82) 4-Chlorotoluene	11.451	91	417116	56.637	ug/l	98
83) tert-Butylbenzene	11.713	119	458857	59.625	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	451391	58.533	ug/l	100
85) sec-Butylbenzene	11.890	105	548450	60.801	ug/l	99
86) p-Isopropyltoluene	12.006	119	470876	61.411	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	239774	57.085	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	233845	53.729	ug/l	99
89) n-Butylbenzene	12.329	91	395615	63.320	ug/l	99
90) Hexachloroethane	12.536	117	75654	60.743	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	238348	55.494	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	38120	57.297	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	149041	57.169	ug/l	99
94) Hexachlorobutadiene	13.725	225	55423	57.659	ug/l	95
95) Naphthalene	13.774	128	566444	56.778	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	151261	55.029	ug/l	99

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

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