

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043948.D
 Acq On : 21 Nov 2024 20:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 22 04:04:46 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 :Mahesh Dadoda 11/29/2024
 Supervised By :Semsettin Yesilyurt 11/29/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	125909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	235228	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92487	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	113011	52.331	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.660%
35) Dibromofluoromethane	5.385	113	83978	49.962	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.920%
50) Toluene-d8	8.647	98	288863	49.856	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.720%
62) 4-Bromofluorobenzene	11.079	95	99417	50.418	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.840%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	76410	47.904	ug/l	96
3) Chloromethane	1.295	50	87713	52.257	ug/l	98
4) Vinyl Chloride	1.374	62	88832	49.757	ug/l	99
5) Bromomethane	1.593	94	53034	48.287	ug/l	99
6) Chloroethane	1.666	64	50804	46.701	ug/l	96
7) Trichlorofluoromethane	1.868	101	143736	45.031	ug/l	99
8) Diethyl Ether	2.136	74	56319	48.410	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	68994	45.315	ug/l	99
10) Methyl Iodide	2.441	142	95346	50.141	ug/l	99
11) Tert butyl alcohol	2.995	59	82566	238.198	ug/l	98
12) 1,1-Dichloroethene	2.307	96	69293	47.761	ug/l	92
13) Acrolein	2.233	56	94661	259.090	ug/l	95
14) Allyl chloride	2.654	41	117658	49.631	ug/l	99
15) Acrylonitrile	3.069	53	213956	253.290	ug/l	99
16) Acetone	2.386	43	196628	198.241	ug/l	98
17) Carbon Disulfide	2.502	76	132646	44.323	ug/l	98
18) Methyl Acetate	2.703	43	106984	46.317	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	267907	50.856	ug/l	98
20) Methylene Chloride	2.782	84	80434	47.787	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	73874	49.318	ug/l	97
22) Diisopropyl ether	3.764	45	257394	50.776	ug/l	97
23) Vinyl Acetate	3.721	43	1070952	246.967	ug/l	99
24) 1,1-Dichloroethane	3.605	63	147908	50.577	ug/l	99
25) 2-Butanone	4.562	43	303698	237.298	ug/l	99
26) 2,2-Dichloropropane	4.465	77	114088	43.198	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	93139	50.303	ug/l	96
28) Bromochloromethane	4.898	49	60919	47.325	ug/l	99
29) Tetrahydrofuran	5.001	42	193564	246.701	ug/l	99
30) Chloroform	5.087	83	157475	50.067	ug/l	96
31) Cyclohexane	5.458	56	111126	46.170	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	135776	50.058	ug/l	99
36) 1,1-Dichloropropene	5.690	75	98493	47.024	ug/l	99
37) Ethyl Acetate	4.715	43	115457	44.407	ug/l	99
38) Carbon Tetrachloride	5.672	117	107796	45.803	ug/l	99
39) Methylcyclohexane	7.379	83	119300	43.844	ug/l	93
40) Benzene	6.032	78	312491	47.897	ug/l	97

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41) Methacrylonitrile	4.922	41	64964	48.819	ug/l	97
42) 1,2-Dichloroethane	6.080	62	124156	47.383	ug/l	100
43) Isopropyl Acetate	6.336	43	193221	46.698	ug/l	99
44) Trichloroethene	7.123	130	76959	41.669	ug/l	91
45) 1,2-Dichloropropane	7.428	63	78382	49.052	ug/l	98
46) Dibromomethane	7.580	93	62137	49.158	ug/l	99
47) Bromodichloromethane	7.818	83	110061	48.549	ug/l	98
48) Methyl methacrylate	7.696	41	93500	47.093	ug/l	99
49) 1,4-Dioxane	7.665	88	32557	920.558	ug/l	89
51) 4-Methyl-2-Pentanone	8.574	43	618486	244.942	ug/l	99
52) Toluene	8.714	92	189861	48.620	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	110173	47.657	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	120614	47.592	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	76514	47.467	ug/l	97
56) Ethyl methacrylate	9.116	69	124527	49.597	ug/l	99
57) 1,3-Dichloropropane	9.305	76	133219	49.060	ug/l	99
59) 2-Hexanone	9.433	43	455259	239.878	ug/l	98
60) Dibromochloromethane	9.519	129	76616	47.372	ug/l	96
61) 1,2-Dibromoethane	9.610	107	81006	49.699	ug/l	98
64) Tetrachloroethene	9.269	164	60425	45.958	ug/l	99
65) Chlorobenzene	10.080	112	207688	47.425	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	71242	50.161	ug/l	97
67) Ethyl Benzene	10.189	91	359312	48.420	ug/l	99
68) m/p-Xylenes	10.299	106	263950	95.380	ug/l	99
69) o-Xylene	10.640	106	132336	48.978	ug/l	98
70) Styrene	10.653	104	221676	49.604	ug/l	99
71) Bromoform	10.799	173	46043	43.157	ug/l #	99
73) Isopropylbenzene	10.964	105	343545	48.323	ug/l	99
74) N-amyl acetate	10.842	43	157143	47.714	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	117970	48.461	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	99670m	49.141	ug/l	
77) Bromobenzene	11.195	156	80285	47.340	ug/l	98
78) n-propylbenzene	11.305	91	384137	48.379	ug/l	97
79) 2-Chlorotoluene	11.360	91	238757	47.553	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	281466	48.122	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	32581	43.834	ug/l	95
82) 4-Chlorotoluene	11.451	91	267563	47.202	ug/l	99
83) tert-Butylbenzene	11.713	119	279835	48.270	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	284559	48.867	ug/l	99
85) sec-Butylbenzene	11.890	105	331556	46.678	ug/l	99
86) p-Isopropyltoluene	12.006	119	276997	48.009	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	143767	46.544	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	143294	45.502	ug/l	97
89) n-Butylbenzene	12.329	91	236825	46.555	ug/l	99
90) Hexachloroethane	12.536	117	45136	46.006	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	149710	48.027	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22722	46.583	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	81352	44.267	ug/l	99
94) Hexachlorobutadiene	13.725	225	30308	41.728	ug/l	100
95) Naphthalene	13.774	128	309000	46.709	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	87030	46.788	ug/l	98

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

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