

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122823\
 Data File : VX039528.D
 Acq On : 28 Dec 2023 19:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/29/2023
 Supervised By : Semsettin Yesilyurt 01/01/2024

Quant Time: Dec 28 22:57:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	101093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	190290	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89881	48.533	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.060%		
35) Dibromofluoromethane	5.385	113	65001	49.445	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.880%		
50) Toluene-d8	8.647	98	242474	49.682	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.360%		
62) 4-Bromofluorobenzene	11.079	95	93793	46.578	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	69299	48.783	ug/l	96
3) Chloromethane	1.294	50	81495	51.748	ug/l	99
4) Vinyl Chloride	1.374	62	78556	53.635	ug/l	100
5) Bromomethane	1.593	94	36283	43.059	ug/l	95
6) Chloroethane	1.660	64	30068	34.066	ug/l	95
7) Trichlorofluoromethane	1.868	101	107340	50.050	ug/l	98
8) Diethyl Ether	2.136	74	41449	55.841	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	64854	49.554	ug/l	96
10) Methyl Iodide	2.447	142	68315	50.500	ug/l	93
11) Tert butyl alcohol	3.001	59	126593	272.210	ug/l #	94
12) 1,1-Dichloroethene	2.313	96	64402	49.539	ug/l	94
13) Acrolein	2.239	56	151006	407.019	ug/l	100
14) Allyl chloride	2.660	41	129170	49.048	ug/l	95
15) Acrylonitrile	3.069	53	262139	281.607	ug/l	99
16) Acetone	2.386	43	224772	204.891	ug/l	93
17) Carbon Disulfide	2.502	76	158255	41.599	ug/l	98
18) Methyl Acetate	2.703	43	230650	57.581	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	242031	51.478	ug/l	98
20) Methylene Chloride	2.788	84	78656	50.949	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	67739	47.886	ug/l	97
22) Diisopropyl ether	3.764	45	259470	54.126	ug/l	87
23) Vinyl Acetate	3.721	43	937292	262.628	ug/l	99
24) 1,1-Dichloroethane	3.605	63	138201	50.999	ug/l	98
25) 2-Butanone	4.562	43	379525	237.486	ug/l	99
26) 2,2-Dichloropropane	4.471	77	88170	37.268	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	80426	51.510	ug/l	99
28) Bromochloromethane	4.897	49	68005	51.432	ug/l	93
29) Tetrahydrofuran	5.007	42	256996	291.200	ug/l	98
30) Chloroform	5.093	83	136365	50.355	ug/l	100
31) Cyclohexane	5.464	56	120473	50.365	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	114068	48.521	ug/l	98
36) 1,1-Dichloropropene	5.690	75	98437	47.451	ug/l	99
37) Ethyl Acetate	4.721	43	137482	53.642	ug/l	99
38) Carbon Tetrachloride	5.678	117	90258	45.591	ug/l	99
39) Methylcyclohexane	7.379	83	119303	47.877	ug/l	98
40) Benzene	6.038	78	296651	50.552	ug/l	99

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41) Methacrylonitrile	4.922	41	74953	54.812	ug/l	96
42) 1,2-Dichloroethane	6.086	62	114661	48.270	ug/l	100
43) Isopropyl Acetate	6.342	43	214858	51.553	ug/l	99
44) Trichloroethene	7.123	130	69260	46.771	ug/l	94
45) 1,2-Dichloropropane	7.428	63	82663	52.487	ug/l	97
46) Dibromomethane	7.580	93	53942	48.724	ug/l	97
47) Bromodichloromethane	7.824	83	100543	47.498	ug/l	98
48) Methyl methacrylate	7.696	41	128594	52.778	ug/l	96
49) 1,4-Dioxane	7.665	88	43477	1323.775	ug/l #	99
51) 4-Methyl-2-Pentanone	8.574	43	744705	280.444	ug/l	99
52) Toluene	8.720	92	180102	50.849	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	104437	44.813	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	117250	46.758	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	76510	51.743	ug/l	93
56) Ethyl methacrylate	9.116	69	97786	54.172	ug/l	97
57) 1,3-Dichloropropane	9.305	76	129959	50.839	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	305826	288.533	ug/l	93
59) 2-Hexanone	9.433	43	596332	260.207	ug/l	99
60) Dibromochloromethane	9.525	129	71242	47.640	ug/l	99
61) 1,2-Dibromoethane	9.610	107	80462	50.973	ug/l	99
64) Tetrachloroethene	9.275	164	53963	47.410	ug/l	95
65) Chlorobenzene	10.079	112	184654	48.569	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	65727	48.943	ug/l	99
67) Ethyl Benzene	10.195	91	352586	49.822	ug/l	99
68) m/p-Xylenes	10.299	106	253617	99.951	ug/l	94
69) o-Xylene	10.640	106	126852	51.706	ug/l	97
70) Styrene	10.653	104	184388	51.410	ug/l	97
71) Bromoform	10.799	173	47005	47.090	ug/l #	100
73) Isopropylbenzene	10.963	105	336768	53.297	ug/l	100
74) N-amyl acetate	10.842	43	187457	58.635	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	136164	57.927	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	110498m	52.150	ug/l	
77) Bromobenzene	11.201	156	73301	52.459	ug/l	93
78) n-propylbenzene	11.305	91	397339	51.037	ug/l	97
79) 2-Chlorotoluene	11.366	91	242101	51.411	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	288127	53.526	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	34633	46.110	ug/l	99
82) 4-Chlorotoluene	11.457	91	276597	50.008	ug/l	98
83) tert-Butylbenzene	11.713	119	270392	52.781	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	292272	52.946	ug/l	99
85) sec-Butylbenzene	11.890	105	339121	52.021	ug/l	98
86) p-Isopropyltoluene	12.006	119	284068	51.924	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	135721	49.441	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	136151	47.635	ug/l	99
89) n-Butylbenzene	12.335	91	260227	48.387	ug/l	96
90) Hexachloroethane	12.536	117	49090	49.674	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	136169	51.843	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	32831	53.027	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	79498	46.223	ug/l	97
94) Hexachlorobutadiene	13.725	225	31030	47.875	ug/l	99
95) Naphthalene	13.774	128	324415	54.163	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	81846	49.295	ug/l	99

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

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