

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112321\
 Data File : VX025262.D
 Acq On : 23 Nov 2021 09:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 23 15:17:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/24/2021
 Supervised By : Mahesh Dadoda 11/26/2021

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	120229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183012	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57252	45.177	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.360%		
35) Dibromofluoromethane	5.385	113	51843	46.169	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.340%		
50) Toluene-d8	8.647	98	191367	45.327	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.660%#		
62) 4-Bromofluorobenzene	11.079	95	71308	44.645	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	56779	54.480	ug/l	99
3) Chloromethane	1.288	50	59263	45.925	ug/l	100
4) Vinyl Chloride	1.374	62	66053	46.622	ug/l	99
5) Bromomethane	1.599	94	34176	56.107	ug/l	98
6) Chloroethane	1.679	64	45032	46.065	ug/l	99
7) Trichlorofluoromethane	1.886	101	98863	47.013	ug/l	100
8) Diethyl Ether	2.130	74	39727	45.777	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	55910	49.969	ug/l	97
10) Methyl Iodide	2.453	142	58988	42.164	ug/l	91
11) Tert butyl alcohol	2.965	59	63832	201.902	ug/l	98
12) 1,1-Dichloroethene	2.319	96	52606	47.209	ug/l	90
13) Acrolein	2.233	56	13622	234.629	ug/l	99
14) Allyl chloride	2.660	41	91186	45.215	ug/l	95
15) Acrylonitrile	3.063	53	153177	225.239	ug/l	97
16) Acetone	2.380	43	168333	239.046	ug/l	94
17) Carbon Disulfide	2.508	76	137062	43.724	ug/l	98
18) Methyl Acetate	2.703	43	97533	43.350	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	181395	46.719	ug/l	98
20) Methylene Chloride	2.788	84	58745	44.378	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	56647	46.403	ug/l	90
22) Diisopropyl ether	3.758	45	179059	46.622	ug/l	96
23) Vinyl Acetate	3.721	43	718868	233.017	ug/l	97
24) 1,1-Dichloroethane	3.611	63	98608	46.988	ug/l	96
25) 2-Butanone	4.556	43	230558	226.459	ug/l	98
26) 2,2-Dichloropropane	4.471	77	91686	48.190	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	66360	46.550	ug/l	92
28) Bromochloromethane	4.898	49	45726	46.728	ug/l	93
29) Tetrahydrofuran	5.001	42	135055	214.242	ug/l	97
30) Chloroform	5.093	83	103261	47.282	ug/l	95
31) Cyclohexane	5.471	56	92117	47.038	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	94464	47.244	ug/l	97
36) 1,1-Dichloropropene	5.690	75	77030	48.243	ug/l	98
37) Ethyl Acetate	4.715	43	82303	45.304	ug/l	99
38) Carbon Tetrachloride	5.678	117	86707	49.303	ug/l	99
39) Methylcyclohexane	7.379	83	101782	49.696	ug/l	93
40) Benzene	6.038	78	228746	47.292	ug/l	98

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41) Methacrylonitrile	4.916	41	45780	45.403	ug/l	98
42) 1,2-Dichloroethane	6.086	62	76883	48.850	ug/l	93
43) Isopropyl Acetate	6.336	43	137138	45.360	ug/l	97
44) Trichloroethene	7.123	130	68558	48.792	ug/l	90
45) 1,2-Dichloropropane	7.428	63	57550	48.443	ug/l	99
46) Dibromomethane	7.580	93	41525	48.150	ug/l	93
47) Bromodichloromethane	7.818	83	82407	48.624	ug/l	98
48) Methyl methacrylate	7.690	41	64646	45.560	ug/l	96
49) 1,4-Dioxane	7.659	88	25125	838.513	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	432234	227.998	ug/l	99
52) Toluene	8.720	92	150757	47.740	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	91786	48.701	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	97632	47.790	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	61204	48.765	ug/l	98
56) Ethyl methacrylate	9.116	69	97116	47.682	ug/l	96
57) 1,3-Dichloropropane	9.305	76	99740	47.946	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	212633	224.391	ug/l	95
59) 2-Hexanone	9.433	43	346912	232.114	ug/l	96
60) Dibromochloromethane	9.525	129	70084	48.516	ug/l	99
61) 1,2-Dibromoethane	9.610	107	65657	48.300	ug/l	99
64) Tetrachloroethene	9.275	164	68368	49.381	ug/l	91
65) Chlorobenzene	10.080	112	164731	48.146	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	63661	48.518	ug/l	99
67) Ethyl Benzene	10.195	91	290087	49.062	ug/l	96
68) m/p-Xylenes	10.305	106	233918	96.857	ug/l	93
69) o-Xylene	10.640	106	115897	49.031	ug/l	90
70) Styrene	10.659	104	192480	49.291	ug/l	96
71) Bromoform	10.799	173	55325	48.566	ug/l #	98
73) Isopropylbenzene	10.964	105	298925	48.530	ug/l	98
74) N-amyl acetate	10.842	43	122219	45.874	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	92001	46.177	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	84161m	47.553	ug/l	
77) Bromobenzene	11.201	156	76183	48.093	ug/l	92
78) n-propylbenzene	11.305	91	343494	49.681	ug/l	97
79) 2-Chlorotoluene	11.366	91	199642	47.429	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	251214	48.520	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	32470	46.217	ug/l	88
82) 4-Chlorotoluene	11.457	91	228665	47.589	ug/l	96
83) tert-Butylbenzene	11.713	119	254384	48.346	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	249863	48.828	ug/l	95
85) sec-Butylbenzene	11.890	105	320197	50.055	ug/l	98
86) p-Isopropyltoluene	12.012	119	272742	49.624	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	141750	48.071	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	142307	47.628	ug/l	97
89) n-Butylbenzene	12.335	91	227650	49.141	ug/l	96
90) Hexachloroethane	12.543	117	49401	48.775	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	138291	48.123	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19733	47.416	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	89295	52.793	ug/l	98
94) Hexachlorobutadiene	13.725	225	41055	50.551	ug/l	99
95) Naphthalene	13.780	128	287234	49.249	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	88445	53.452	ug/l	99

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

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