

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029788.D
 Acq On : 25 Jun 2022 00:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 25 05:28:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/25/2022
 Supervised By : Semsettin Yesilyurt 06/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	228174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	389141	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	354266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138066	45.711	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.420%		
35) Dibromofluoromethane	5.385	113	127062	50.104	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.200%		
50) Toluene-d8	8.647	98	475848	51.363	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.720%		
62) 4-Bromofluorobenzene	11.079	95	182359	52.196	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	145217	52.553	ug/l	99
3) Chloromethane	1.288	50	131952	44.326	ug/l	99
4) Vinyl Chloride	1.374	62	138822	50.652	ug/l	99
5) Bromomethane	1.611	94	65673	46.966	ug/l	96
6) Chloroethane	1.684	64	58977	32.980	ug/l	99
7) Trichlorofluoromethane	1.886	101	204177	53.472	ug/l	97
8) Diethyl Ether	2.136	74	78677	52.301	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	125788	52.537	ug/l	99
10) Methyl Iodide	2.453	142	118328	43.754	ug/l	99
11) Tert butyl alcohol	3.007	59	158681	240.737	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	124789	53.984	ug/l	90
13) Acrolein	2.239	56	35208	211.609	ug/l	99
14) Allyl chloride	2.660	41	183551	49.179	ug/l	94
15) Acrylonitrile	3.068	53	358756	253.941	ug/l	99
16) Acetone	2.386	43	279104	231.833	ug/l	98
17) Carbon Disulfide	2.508	76	302757	50.520	ug/l	99
18) Methyl Acetate	2.703	43	161714	50.805	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	405222	50.493	ug/l	99
20) Methylene Chloride	2.788	84	138634	51.702	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	133469	52.826	ug/l	96
22) Diisopropyl ether	3.757	45	366683	49.664	ug/l #	87
23) Vinyl Acetate	3.721	43	1552219	251.827	ug/l	100
24) 1,1-Dichloroethane	3.605	63	224925	50.656	ug/l	99
25) 2-Butanone	4.562	43	462241	242.906	ug/l	97
26) 2,2-Dichloropropane	4.477	77	127346	36.849	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	155563	52.702	ug/l	90
28) Bromochloromethane	4.897	49	79205	46.689	ug/l	96
29) Tetrahydrofuran	5.007	42	307428	242.409	ug/l	97
30) Chloroform	5.092	83	240116	51.100	ug/l	99
31) Cyclohexane	5.464	56	208249	51.356	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	211407	51.007	ug/l	98
36) 1,1-Dichloropropene	5.690	75	179378	52.262	ug/l	98
37) Ethyl Acetate	4.714	43	176021	50.032	ug/l	98
38) Carbon Tetrachloride	5.672	117	179490	53.178	ug/l	99
39) Methylcyclohexane	7.379	83	228278	53.345	ug/l	96
40) Benzene	6.037	78	538562	52.934	ug/l	99

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41) Methacrylonitrile	4.922	41	97539	52.622	ug/l	96
42) 1,2-Dichloroethane	6.086	62	173568	49.627	ug/l	97
43) Isopropyl Acetate	6.342	43	273354	49.966	ug/l	99
44) Trichloroethene	7.123	130	153956	53.479	ug/l	99
45) 1,2-Dichloropropane	7.427	63	131449	52.680	ug/l	98
46) Dibromomethane	7.580	93	95906	53.476	ug/l	96
47) Bromodichloromethane	7.824	83	182630	52.846	ug/l	99
48) Methyl methacrylate	7.690	41	133462	49.755	ug/l	96
49) 1,4-Dioxane	7.690	88	67735	979.419	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	880644	249.743	ug/l	100
52) Toluene	8.720	92	352879	54.164	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	181438	51.954	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	204142	52.203	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	141982	53.900	ug/l	98
56) Ethyl methacrylate	9.116	69	215181	54.073	ug/l	99
57) 1,3-Dichloropropane	9.311	76	228373	52.055	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	459560	245.784	ug/l	94
59) 2-Hexanone	9.433	43	667834	250.108	ug/l	99
60) Dibromochloromethane	9.525	129	142411	55.684	ug/l	96
61) 1,2-Dibromoethane	9.610	107	149845	54.868	ug/l	99
64) Tetrachloroethene	9.275	164	143038	55.831	ug/l	97
65) Chlorobenzene	10.079	112	381879	54.947	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	134816	54.014	ug/l	99
67) Ethyl Benzene	10.195	91	667825	53.405	ug/l	98
68) m/p-Xylenes	10.305	106	526025	107.867	ug/l	99
69) o-Xylene	10.640	106	260942	54.160	ug/l	99
70) Styrene	10.658	104	435523	55.208	ug/l	99
71) Bromoform	10.799	173	99877	56.438	ug/l	99
73) Isopropylbenzene	10.963	105	675068	52.151	ug/l	99
74) N-amyl acetate	10.841	43	224238	49.878	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	204304	48.818	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	189528m	50.393	ug/l	
77) Bromobenzene	11.201	156	158003	53.483	ug/l	98
78) n-propylbenzene	11.305	91	766337	52.564	ug/l	99
79) 2-Chlorotoluene	11.366	91	463963	51.396	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	574332	52.684	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	55407	49.010	ug/l	96
82) 4-Chlorotoluene	11.457	91	528933	51.380	ug/l	100
83) tert-Butylbenzene	11.719	119	564270	53.087	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	571401	52.555	ug/l	100
85) sec-Butylbenzene	11.890	105	707661	53.720	ug/l	99
86) p-Isopropyltoluene	12.012	119	595126	53.955	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	301358	53.549	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	302033	53.752	ug/l	97
89) n-Butylbenzene	12.335	91	495063	53.180	ug/l	99
90) Hexachloroethane	12.542	117	91379	57.857	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	294588	53.252	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	45416	48.976	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	184510	54.695	ug/l	98
94) Hexachlorobutadiene	13.725	225	72138	52.230	ug/l	95
95) Naphthalene	13.774	128	675777	55.804	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	185086	54.782	ug/l	95

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

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