

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030245.D
 Acq On : 27 Jul 2022 20:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 28 05:53:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	132404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	232194	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142458	53.531	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.060%			
35) Dibromofluoromethane	5.391	113	114915	51.772	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.540%			
50) Toluene-d8	8.653	98	436561	50.787	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.580%			
62) 4-Bromofluorobenzene	11.085	95	170421	53.421	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	119692	55.091	ug/l	98
3) Chloromethane	1.288	50	109016	50.742	ug/l	99
4) Vinyl Chloride	1.374	62	110115	50.781	ug/l	98
5) Bromomethane	1.599	94	37975	49.922	ug/l	96
6) Chloroethane	1.672	64	63327	50.862	ug/l	96
7) Trichlorofluoromethane	1.880	101	152026	53.213	ug/l	96
8) Diethyl Ether	2.136	74	57923	51.775	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	109337	51.670	ug/l	99
10) Methyl Iodide	2.447	142	119987	57.933	ug/l	95
11) Tert butyl alcohol	2.977	59	189795	292.374	ug/l	100
12) 1,1-Dichloroethene	2.319	96	106449	51.465	ug/l	92
13) Acrolein	2.239	56	47001	294.580	ug/l	99
14) Allyl chloride	2.660	41	220911	51.758	ug/l	97
15) Acrylonitrile	3.069	53	443679	276.575	ug/l	99
16) Acetone	2.386	43	377776	277.270	ug/l	94
17) Carbon Disulfide	2.508	76	260706	46.694	ug/l	99
18) Methyl Acetate	2.709	43	217420	53.951	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	387092	54.636	ug/l	97
20) Methylene Chloride	2.788	84	130246	56.080	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	115720	50.688	ug/l	96
22) Diisopropyl ether	3.764	45	455856	56.449	ug/l	97
23) Vinyl Acetate	3.727	43	1983951	283.214	ug/l	98
24) 1,1-Dichloroethane	3.611	63	232194	54.110	ug/l	98
25) 2-Butanone	4.562	43	640533	279.762	ug/l	95
26) 2,2-Dichloropropane	4.483	77	133929	43.162	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	140796	52.445	ug/l	95
28) Bromochloromethane	4.904	49	103721	57.214	ug/l	92
29) Tetrahydrofuran	5.013	42	430810	279.655	ug/l	94
30) Chloroform	5.099	83	230644	54.285	ug/l	97
31) Cyclohexane	5.477	56	205278	53.127	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	183723	53.198	ug/l	98
36) 1,1-Dichloropropene	5.696	75	163641	51.229	ug/l	98
37) Ethyl Acetate	4.721	43	238704	52.769	ug/l	97
38) Carbon Tetrachloride	5.684	117	155568	52.168	ug/l	95
39) Methylcyclohexane	7.385	83	198626	48.173	ug/l	92
40) Benzene	6.044	78	519029	51.643	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	134349	55.406	ug/l	94
42) 1,2-Dichloroethane	6.092	62	182034	52.417	ug/l	97
43) Isopropyl Acetate	6.348	43	360263	54.328	ug/l	97
44) Trichloroethene	7.129	130	134906	49.125	ug/l	92
45) 1,2-Dichloropropane	7.434	63	141598	52.824	ug/l	97
46) Dibromomethane	7.586	93	92177	50.565	ug/l	98
47) Bromodichloromethane	7.824	83	174234	52.577	ug/l	96
48) Methyl methacrylate	7.696	41	178684	54.744	ug/l	95
49) 1,4-Dioxane	7.665	88	78118	1036.238	ug/l	93
51) 4-Methyl-2-Pentanone	8.580	43	1244115	276.353	ug/l	96
52) Toluene	8.720	92	317310	51.748	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	183254	51.300	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	201109	51.662	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	138051	52.878	ug/l	94
56) Ethyl methacrylate	9.122	69	221283	53.616	ug/l	92
57) 1,3-Dichloropropane	9.311	76	225097	52.233	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	591667	288.859	ug/l	96
59) 2-Hexanone	9.433	43	993195	279.636	ug/l	95
60) Dibromochloromethane	9.525	129	129508	53.587	ug/l	100
61) 1,2-Dibromoethane	9.610	107	140456	51.523	ug/l	99
64) Tetrachloroethene	9.275	164	131198	50.821	ug/l	98
65) Chlorobenzene	10.079	112	334766	51.393	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	119731	54.071	ug/l	97
67) Ethyl Benzene	10.195	91	620497	49.919	ug/l	99
68) m/p-Xylenes	10.305	106	464915	105.359	ug/l	94
69) o-Xylene	10.646	106	232595	53.481	ug/l	94
70) Styrene	10.659	104	398205	55.730	ug/l	97
71) Bromoform	10.805	173	89997	55.283	ug/l #	98
73) Isopropylbenzene	10.963	105	602613	50.261	ug/l	100
74) N-amyl acetate	10.848	43	314469	53.966	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	217879	49.649	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	209344m	51.711	ug/l	
77) Bromobenzene	11.201	156	140021	49.757	ug/l	92
78) n-propylbenzene	11.305	91	737253	51.520	ug/l	99
79) 2-Chlorotoluene	11.366	91	440747	48.773	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	517606	51.558	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	64640	47.900	ug/l	93
82) 4-Chlorotoluene	11.457	91	503381	50.984	ug/l	97
83) tert-Butylbenzene	11.719	119	474195	50.960	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	524348	52.351	ug/l	97
85) sec-Butylbenzene	11.890	105	657151	51.597	ug/l	98
86) p-Isopropyltoluene	12.012	119	525132	51.536	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	270206	49.371	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	271485	48.730	ug/l	99
89) n-Butylbenzene	12.335	91	504425	53.172	ug/l	99
90) Hexachloroethane	12.542	117	88586	50.493	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	272690	50.763	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	58752	55.820	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	161521	51.849	ug/l	97
94) Hexachlorobutadiene	13.725	225	61865	49.459	ug/l	99
95) Naphthalene	13.780	128	652940	53.659	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	164894	51.612	ug/l	99

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

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