

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042622\
 Data File : VX028353.D
 Acq On : 26 Apr 2022 16:36
 Operator : JC/MD
 Sample : VX0426WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD01

Quant Time: Apr 27 02:05:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/27/2022
 Supervised By : Mahesh Dadoda 04/27/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	410391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	621599	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	569143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	301815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	236716	44.238	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.480%		
35) Dibromofluoromethane	5.385	113	213056	48.875	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.740%		
50) Toluene-d8	8.653	98	777940	46.464	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.920%		
62) 4-Bromofluorobenzene	11.085	95	290162	45.325	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	72877	27.509	ug/l	100
3) Chloromethane	1.288	50	65170	23.104	ug/l	95
4) Vinyl Chloride	1.374	62	76710	18.541	ug/l	98
5) Bromomethane	1.599	94	70594	13.113	ug/l	99
6) Chloroethane	1.685	64	53076	15.703	ug/l	99
7) Trichlorofluoromethane	1.886	101	135601	14.863	ug/l	94
8) Diethyl Ether	2.136	74	50991	16.515	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	73349	22.071	ug/l	96
10) Methyl Iodide	2.453	142	88567	22.681	ug/l	98
11) Tert butyl alcohol	2.959	59	89069	80.168	ug/l	96
12) 1,1-Dichloroethene	2.319	96	68617	21.756	ug/l	94
13) Acrolein	2.233	56	58169	88.700	ug/l	100
14) Allyl chloride	2.666	41	90654	17.130	ug/l	94
15) Acrylonitrile	3.062	53	197819	90.716	ug/l	99
16) Acetone	2.380	43	165766	100.591	ug/l	98
17) Carbon Disulfide	2.514	76	120572	14.196	ug/l	98
18) Methyl Acetate	2.703	43	87417	18.374	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	244661	18.603	ug/l	98
20) Methylene Chloride	2.788	84	78821	19.852	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	74623	17.398	ug/l	91
22) Diisopropyl ether	3.757	45	209440	17.375	ug/l #	75
23) Vinyl Acetate	3.721	43	888182	84.342	ug/l	99
24) 1,1-Dichloroethane	3.611	63	127560	17.923	ug/l	99
25) 2-Butanone	4.556	43	259372	81.845	ug/l	98
26) 2,2-Dichloropropane	4.477	77	101035	14.539	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	90357	17.667	ug/l	91
28) Bromochloromethane	4.897	49	54975	18.003	ug/l	87
29) Tetrahydrofuran	5.007	42	164457	79.588	ug/l	100
30) Chloroform	5.099	83	142481	16.670	ug/l	99
31) Cyclohexane	5.477	56	102632	15.743	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	123198	15.917	ug/l	97
36) 1,1-Dichloropropene	5.696	75	98817	17.378	ug/l	97
37) Ethyl Acetate	4.715	43	101743	17.634	ug/l	99
38) Carbon Tetrachloride	5.684	117	102700	15.999	ug/l	97
39) Methylcyclohexane	7.385	83	111619	15.558	ug/l	96
40) Benzene	6.044	78	297391	17.867	ug/l	99

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41) Methacrylonitrile	4.922	41	53210	17.875	ug/l	98
42) 1,2-Dichloroethane	6.092	62	105131	17.015	ug/l	100
43) Isopropyl Acetate	6.342	43	157415	16.764	ug/l	98
44) Trichloroethene	7.129	130	89558	18.554	ug/l	99
45) 1,2-Dichloropropane	7.434	63	71955	17.661	ug/l	97
46) Dibromomethane	7.586	93	55689	17.425	ug/l	97
47) Bromodichloromethane	7.824	83	94957	15.459	ug/l	100
48) Methyl methacrylate	7.696	41	72765	16.878	ug/l	93
49) 1,4-Dioxane	7.665	88	37345	323.804	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	521088	86.476	ug/l	97
52) Toluene	8.720	92	198787	17.190	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	99739	15.278	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	111373	15.887	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	83428	17.757	ug/l	97
56) Ethyl methacrylate	9.122	69	120060	17.628	ug/l #	93
57) 1,3-Dichloropropane	9.311	76	133513	17.606	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	288570	90.305	ug/l	93
59) 2-Hexanone	9.433	43	398184	85.306	ug/l	94
60) Dibromochloromethane	9.525	129	74539	14.553	ug/l	97
61) 1,2-Dibromoethane	9.610	107	87287	16.934	ug/l	96
64) Tetrachloroethene	9.275	164	86185	19.387	ug/l	97
65) Chlorobenzene	10.079	112	224277	18.482	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	78610	17.390	ug/l	99
67) Ethyl Benzene	10.195	91	379901	18.671	ug/l	96
68) m/p-Xylenes	10.305	106	309563	37.381	ug/l	96
69) o-Xylene	10.646	106	152664	18.490	ug/l	96
70) Styrene	10.659	104	249665	18.665	ug/l	99
71) Bromoform	10.805	173	53743	15.538	ug/l #	99
73) Isopropylbenzene	10.963	105	398478	19.209	ug/l	99
74) N-amyl acetate	10.848	43	134605	18.773	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	126622	18.810	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	112741m	18.980	ug/l	
77) Bromobenzene	11.201	156	104991	19.433	ug/l	89
78) n-propylbenzene	11.305	91	441404	19.189	ug/l	97
79) 2-Chlorotoluene	11.366	91	267460	18.702	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	335369	19.045	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	26771	13.394	ug/l #	77
82) 4-Chlorotoluene	11.457	91	308751	18.742	ug/l	95
83) tert-Butylbenzene	11.719	119	327989	18.240	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	332270	18.982	ug/l	97
85) sec-Butylbenzene	11.890	105	396139	18.261	ug/l	98
86) p-Isopropyltoluene	12.012	119	343384	18.348	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	197823	19.487	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	197819	18.559	ug/l	99
89) n-Butylbenzene	12.335	91	274984	17.894	ug/l	98
90) Hexachloroethane	12.542	117	43755	14.336	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	197007	19.535	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23954	16.000	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	123641	20.613	ug/l	98
94) Hexachlorobutadiene	13.725	225	50361	18.816	ug/l	94
95) Naphthalene	13.780	128	433800	21.710	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	124730	21.185	ug/l	96

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

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