

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
 Data File : VX028194.D
 Acq On : 20 Apr 2022 13:48
 Operator : JC/MD
 Sample : VX0420WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS01

Quant Time: Apr 21 06:11:52 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 :Mahesh Dadoda 04/21/2022
 Supervised By :Semsettin Yesilyurt 04/21/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	339369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	541664	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	504401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	266471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	208218	47.055	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.120%		
35) Dibromofluoromethane	5.391	113	184081	48.460	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.920%		
50) Toluene-d8	8.653	98	681915	46.739	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.480%		
62) 4-Bromofluorobenzene	11.079	95	251923	45.159	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.320%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	39715	18.129	ug/l	99
3) Chloromethane	1.294	50	51781	22.100	ug/l	99
4) Vinyl Chloride	1.374	62	61876	18.086	ug/l	100
5) Bromomethane	1.605	94	54735	11.685	ug/l	100
6) Chloroethane	1.685	64	44052	15.773	ug/l	100
7) Trichlorofluoromethane	1.892	101	124385	16.487	ug/l	100
8) Diethyl Ether	2.136	74	42575	16.708	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	59929	21.807	ug/l	98
10) Methyl Iodide	2.453	142	68357	21.518	ug/l	96
11) Tert butyl alcohol	2.959	59	82713	91.300	ug/l	98
12) 1,1-Dichloroethene	2.325	96	55431	21.253	ug/l	88
13) Acrolein	2.239	56	56020	103.300	ug/l	98
14) Allyl chloride	2.666	41	78251	17.880	ug/l	93
15) Acrylonitrile	3.062	53	163870	90.874	ug/l	100
16) Acetone	2.380	43	140250	102.950	ug/l	95
17) Carbon Disulfide	2.514	76	126821	18.056	ug/l	99
18) Methyl Acetate	2.703	43	72021	18.306	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	200222	18.410	ug/l	99
20) Methylene Chloride	2.794	84	63814	19.436	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	63877	18.009	ug/l	94
22) Diisopropyl ether	3.763	45	169839	17.039	ug/l #	85
23) Vinyl Acetate	3.721	43	746675	85.743	ug/l	100
24) 1,1-Dichloroethane	3.611	63	106342	18.068	ug/l	99
25) 2-Butanone	4.556	43	224878	85.810	ug/l	99
26) 2,2-Dichloropropane	4.483	77	96148	16.732	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	74840	17.695	ug/l	94
28) Bromochloromethane	4.903	49	42195	16.710	ug/l	84
29) Tetrahydrofuran	5.007	42	142021	83.114	ug/l	99
30) Chloroform	5.099	83	119925	16.967	ug/l	99
31) Cyclohexane	5.477	56	90909	16.863	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	112240	17.536	ug/l	98
36) 1,1-Dichloropropene	5.696	75	85134	17.181	ug/l	97
37) Ethyl Acetate	4.714	43	85919	17.089	ug/l	99
38) Carbon Tetrachloride	5.678	117	96949	17.332	ug/l	98
39) Methylcyclohexane	7.385	83	106668	17.061	ug/l	94
40) Benzene	6.044	78	252040	17.377	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	43807	16.888	ug/l	98
42) 1,2-Dichloroethane	6.092	62	90428	16.795	ug/l	100
43) Isopropyl Acetate	6.342	43	134993	16.497	ug/l	98
44) Trichloroethene	7.129	130	75569	17.967	ug/l	98
45) 1,2-Dichloropropane	7.434	63	59903	16.873	ug/l	95
46) Dibromomethane	7.586	93	48190	17.303	ug/l	99
47) Bromodichloromethane	7.824	83	87947	16.431	ug/l	98
48) Methyl methacrylate	7.696	41	62607	16.665	ug/l	93
49) 1,4-Dioxane	7.659	88	35890	357.111	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	444680	84.686	ug/l	97
52) Toluene	8.720	92	171153	16.985	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	92205	16.208	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	99481	16.285	ug/l #	92
55) 1,1,2-Trichloroethane	9.153	97	70436	17.204	ug/l	97
56) Ethyl methacrylate	9.116	69	100637	16.957	ug/l #	93
57) 1,3-Dichloropropane	9.311	76	112953	17.093	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	263481	94.621	ug/l	92
59) 2-Hexanone	9.433	43	345043	84.830	ug/l	95
60) Dibromochloromethane	9.525	129	71506	16.021	ug/l	97
61) 1,2-Dibromoethane	9.610	107	77218	17.192	ug/l	99
64) Tetrachloroethene	9.275	164	72559	18.417	ug/l	97
65) Chlorobenzene	10.079	112	192428	17.893	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	69861	17.439	ug/l	99
67) Ethyl Benzene	10.195	91	327011	18.134	ug/l	96
68) m/p-Xylenes	10.305	106	269061	36.660	ug/l	94
69) o-Xylene	10.640	106	132804	18.149	ug/l	94
70) Styrene	10.659	104	213532	18.012	ug/l	99
71) Bromoform	10.799	173	50605	16.285	ug/l #	98
73) Isopropylbenzene	10.963	105	339622	18.543	ug/l	98
74) N-amyl acetate	10.841	43	111529	17.618	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	107780	18.134	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	96577m	18.416	ug/l	
77) Bromobenzene	11.201	156	85425	17.909	ug/l	92
78) n-propylbenzene	11.305	91	382276	18.823	ug/l	97
79) 2-Chlorotoluene	11.366	91	229091	18.144	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	289804	18.640	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	28021	15.878	ug/l	90
82) 4-Chlorotoluene	11.457	91	265414	18.248	ug/l	95
83) tert-Butylbenzene	11.713	119	296307	18.664	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	287920	18.630	ug/l	98
85) sec-Butylbenzene	11.890	105	358972	18.742	ug/l	99
86) p-Isopropyltoluene	12.012	119	310204	18.774	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	162855	18.170	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	165630	17.600	ug/l	98
89) n-Butylbenzene	12.335	91	246932	18.200	ug/l	97
90) Hexachloroethane	12.542	117	46817	16.989	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	165089	18.541	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24368	18.436	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	101103	19.092	ug/l	98
94) Hexachlorobutadiene	13.725	225	41582	17.597	ug/l	95
95) Naphthalene	13.774	128	355784	20.168	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	98783	19.004	ug/l	97

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

