

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
 Data File : VX028216.D
 Acq On : 20 Apr 2022 23:33
 Operator : JC/MD
 Sample : VX0420WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS02

Quant Time: Apr 21 06:19:23 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 04/21/2022
 Supervised By : Mahesh Dadoda 04/21/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	285720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	463368	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	434810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	230067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	194872	52.308	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.620%			
35) Dibromofluoromethane	5.391	113	174050	53.561	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.120%			
50) Toluene-d8	8.653	98	644520	51.640	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.280%			
62) 4-Bromofluorobenzene	11.079	95	240136	50.320	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.640%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	40242	21.819	ug/l	100
3) Chloromethane	1.294	50	46652	23.827	ug/l	99
4) Vinyl Chloride	1.374	62	59919	20.802	ug/l	99
5) Bromomethane	1.599	94	53741	15.253	ug/l	99
6) Chloroethane	1.685	64	44965	19.856	ug/l	99
7) Trichlorofluoromethane	1.886	101	122027	19.212	ug/l	98
8) Diethyl Ether	2.130	74	41036	19.609	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	56543	24.438	ug/l	98
10) Methyl Iodide	2.453	142	66611	24.082	ug/l	97
11) Tert butyl alcohol	2.959	59	78943	104.883	ug/l	98
12) 1,1-Dichloroethene	2.319	96	53005	24.139	ug/l	96
13) Acrolein	2.233	56	47360	103.729	ug/l	97
14) Allyl chloride	2.666	41	74423	20.199	ug/l	91
15) Acrylonitrile	3.062	53	158680	104.519	ug/l	99
16) Acetone	2.380	43	137274	119.915	ug/l	93
17) Carbon Disulfide	2.514	76	121586	20.562	ug/l	99
18) Methyl Acetate	2.703	43	69869	21.093	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	191840	20.951	ug/l	98
20) Methylene Chloride	2.788	84	61048	22.085	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	62112	20.799	ug/l	96
22) Diisopropyl ether	3.757	45	165491	19.720	ug/l #	72
23) Vinyl Acetate	3.721	43	725243	98.919	ug/l	99
24) 1,1-Dichloroethane	3.611	63	102882	20.763	ug/l	98
25) 2-Butanone	4.556	43	218636	99.094	ug/l	96
26) 2,2-Dichloropropane	4.483	77	80826	16.706	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	73878	20.748	ug/l	91
28) Bromochloromethane	4.897	49	43941	20.669	ug/l	88
29) Tetrahydrofuran	5.001	42	137871	95.835	ug/l	98
30) Chloroform	5.099	83	119862	20.142	ug/l	100
31) Cyclohexane	5.470	56	89052	19.620	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	109959	20.406	ug/l	98
36) 1,1-Dichloropropene	5.696	75	84044	19.828	ug/l	97
37) Ethyl Acetate	4.714	43	84680	19.688	ug/l	98
38) Carbon Tetrachloride	5.684	117	93378	19.514	ug/l	100
39) Methylcyclohexane	7.385	83	101943	19.061	ug/l	95
40) Benzene	6.043	78	249898	20.140	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	42533	19.167	ug/l	97
42) 1,2-Dichloroethane	6.092	62	91424	19.850	ug/l	100
43) Isopropyl Acetate	6.342	43	130500	18.643	ug/l	98
44) Trichloroethene	7.129	130	74076	20.587	ug/l	99
45) 1,2-Dichloropropane	7.433	63	59522	19.598	ug/l	95
46) Dibromomethane	7.586	93	48388	20.310	ug/l	97
47) Bromodichloromethane	7.824	83	87764	19.167	ug/l	98
48) Methyl methacrylate	7.696	41	61128	19.021	ug/l	93
49) 1,4-Dioxane	7.659	88	36725	427.165	ug/l	92
51) 4-Methyl-2-Pentanone	8.573	43	435120	96.867	ug/l	96
52) Toluene	8.720	92	168336	19.528	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	87371	17.954	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	94417	18.068	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	70706	20.188	ug/l	97
56) Ethyl methacrylate	9.116	69	100005	19.698	ug/l #	94
57) 1,3-Dichloropropane	9.311	76	112563	19.912	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	232241	97.495	ug/l	92
59) 2-Hexanone	9.433	43	339792	97.655	ug/l	94
60) Dibromochloromethane	9.525	129	71223	18.653	ug/l	96
61) 1,2-Dibromoethane	9.610	107	75946	19.765	ug/l	98
64) Tetrachloroethene	9.275	164	71622	21.088	ug/l	98
65) Chlorobenzene	10.079	112	189450	20.436	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	68860	19.940	ug/l	99
67) Ethyl Benzene	10.195	91	326669	21.014	ug/l	96
68) m/p-Xylenes	10.305	106	267329	42.254	ug/l	96
69) o-Xylene	10.646	106	131594	20.862	ug/l	95
70) Styrene	10.659	104	215098	21.049	ug/l	99
71) Bromoform	10.799	173	51299	18.522	ug/l #	99
73) Isopropylbenzene	10.963	105	337611	21.350	ug/l	98
74) N-amyl acetate	10.847	43	111345	20.372	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	110739	21.580	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	96807m	21.380	ug/l	
77) Bromobenzene	11.201	156	86254	20.944	ug/l	92
78) n-propylbenzene	11.305	91	376052	21.446	ug/l	97
79) 2-Chlorotoluene	11.366	91	229362	21.039	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	288086	21.462	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	25557	16.774	ug/l #	86
82) 4-Chlorotoluene	11.457	91	261493	20.823	ug/l	95
83) tert-Butylbenzene	11.713	119	294691	21.500	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	289467	21.694	ug/l	98
85) sec-Butylbenzene	11.890	105	354744	21.452	ug/l	99
86) p-Isopropyltoluene	12.012	119	306158	21.461	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	163014	21.066	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	166019	20.433	ug/l	99
89) n-Butylbenzene	12.335	91	239598	20.454	ug/l	97
90) Hexachloroethane	12.542	117	46045	19.101	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	166601	21.672	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22901	20.067	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	98906	21.632	ug/l	98
94) Hexachlorobutadiene	13.725	225	40613	19.906	ug/l	93
95) Naphthalene	13.780	128	341691	22.434	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	98577	21.965	ug/l	95

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

