

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032822\
 Data File : VX027752.D
 Acq On : 28 Mar 2022 15:54
 Operator : JC/MD
 Sample : VX0328WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBS01

Quant Time: Mar 29 05:38:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 16:26:59 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	64263	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	106455	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	95171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	43723	41.483	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	82.960%		
35) Dibromofluoromethane	5.391	113	34206	48.930	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.860%		
50) Toluene-d8	8.647	98	126417	46.779	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.560%		
62) 4-Bromofluorobenzene	11.079	95	51331	46.811	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.620%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	13218	17.732	ug/l	90
3) Chloromethane	1.294	50	10724	13.884	ug/l	100
4) Vinyl Chloride	1.374	62	10935	14.739	ug/l	98
5) Bromomethane	1.605	94	7130	23.938	ug/l	96
6) Chloroethane	1.685	64	7012	14.728	ug/l	90
7) Trichlorofluoromethane	1.886	101	19330	17.651	ug/l	99
8) Diethyl Ether	2.136	74	6548	16.568	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	12729	17.381	ug/l	97
10) Methyl Iodide	2.453	142	14550	20.732	ug/l	92
11) Tert butyl alcohol	2.965	59	15653	79.763	ug/l	99
12) 1,1-Dichloroethene	2.319	96	11471	16.804	ug/l	92
13) Acrolein	2.239	56	10773	78.426	ug/l	97
14) Allyl chloride	2.666	41	19313	14.956	ug/l	91
15) Acrylonitrile	3.062	53	39318	81.811	ug/l	99
16) Acetone	2.380	43	36476	81.829	ug/l	90
17) Carbon Disulfide	2.514	76	24020	13.116	ug/l	# 95
18) Methyl Acetate	2.703	43	17448	15.306	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	43979	17.550	ug/l	99
20) Methylene Chloride	2.794	84	13861	17.429	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	12542	16.519	ug/l	94
22) Diisopropyl ether	3.763	45	41653	16.189	ug/l	90
23) Vinyl Acetate	3.721	43	180302	80.137	ug/l	# 92
24) 1,1-Dichloroethane	3.611	63	24116	16.541	ug/l	98
25) 2-Butanone	4.556	43	54329	75.892	ug/l	92
26) 2,2-Dichloropropane	4.483	77	18636	16.716	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	15360	18.162	ug/l	97
28) Bromochloromethane	4.904	49	9668	16.625	ug/l	98
29) Tetrahydrofuran	5.007	42	34902	83.343	ug/l	91
30) Chloroform	5.099	83	25750	17.625	ug/l	97
31) Cyclohexane	5.464	56	19962	15.619	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	22406	17.256	ug/l	98
36) 1,1-Dichloropropene	5.696	75	17724	16.051	ug/l	99
37) Ethyl Acetate	4.721	43	20540	15.981	ug/l	98
38) Carbon Tetrachloride	5.684	117	18511	17.155	ug/l	98
39) Methylcyclohexane	7.385	83	21292	16.763	ug/l	96
40) Benzene	6.037	78	53727	17.614	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	10759	15.981	ug/l	93
42) 1,2-Dichloroethane	6.092	62	21082	16.258	ug/l	97
43) Isopropyl Acetate	6.342	43	32319	16.650	ug/l	94
44) Trichloroethene	7.129	130	14492	18.363	ug/l	95
45) 1,2-Dichloropropane	7.434	63	13945	17.420	ug/l	95
46) Dibromomethane	7.586	93	10279	17.944	ug/l	91
47) Bromodichloromethane	7.824	83	19271	17.178	ug/l	98
48) Methyl methacrylate	7.690	41	15569	15.879	ug/l	83
49) 1,4-Dioxane	7.665	88	6971	340.426	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	109207	81.955	ug/l	92
52) Toluene	8.720	92	34693	18.194	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	19975	17.184	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	21479	17.367	ug/l #	81
55) 1,1,2-Trichloroethane	9.153	97	14924	19.264	ug/l	98
56) Ethyl methacrylate	9.116	69	22917	18.098	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	23988	17.165	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	54361	83.854	ug/l	99
59) 2-Hexanone	9.427	43	84960	81.590	ug/l	88
60) Dibromochloromethane	9.525	129	14616	19.503	ug/l	92
61) 1,2-Dibromoethane	9.610	107	14776	17.861	ug/l	97
64) Tetrachloroethene	9.275	164	14170	20.872	ug/l	96
65) Chlorobenzene	10.079	112	37228	18.567	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	13354	19.378	ug/l	96
67) Ethyl Benzene	10.195	91	69305	18.558	ug/l	99
68) m/p-Xylenes	10.305	106	52343	38.669	ug/l	95
69) o-Xylene	10.640	106	25888	19.032	ug/l	92
70) Styrene	10.659	104	43572	20.150	ug/l	95
71) Bromoform	10.805	173	9896	19.821	ug/l #	100
73) Isopropylbenzene	10.963	105	68568	18.627	ug/l	97
74) N-amyl acetate	10.841	43	26588	15.049	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	22963	17.704	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	21395m	17.146	ug/l	
77) Bromobenzene	11.201	156	15123	18.594	ug/l	88
78) n-propylbenzene	11.305	91	78323	17.933	ug/l	99
79) 2-Chlorotoluene	11.366	91	49284	17.899	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	57823	18.276	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	5967	16.277	ug/l #	79
82) 4-Chlorotoluene	11.457	91	54738	17.281	ug/l	96
83) tert-Butylbenzene	11.713	119	56767	19.530	ug/l	88
84) 1,2,4-Trimethylbenzene	11.750	105	59419	18.503	ug/l	96
85) sec-Butylbenzene	11.890	105	70347	18.475	ug/l	97
86) p-Isopropyltoluene	12.012	119	58638	19.568	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	28693	18.869	ug/l	93
88) 1,4-Dichlorobenzene	12.042	146	29185	18.528	ug/l	95
89) n-Butylbenzene	12.335	91	51816	18.265	ug/l	95
90) Hexachloroethane	12.542	117	8285	17.325	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	29424	19.955	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5047	15.875	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	18027	20.743	ug/l	96
94) Hexachlorobutadiene	13.725	225	8972	21.200	ug/l	93
95) Naphthalene	13.780	128	65489	20.519	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	18479	21.271	ug/l	95

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

