

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031422\
 Data File : VX027426.D
 Acq On : 14 Mar 2022 17:11
 Operator : JC/MD
 Sample : VX0314WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/15/2022
 Supervised By : Mahesh Dadoda 03/15/2022

Quant Time: Mar 15 06:04:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	267034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	411454	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	383761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	226256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163324	52.448	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.900%			
35) Dibromofluoromethane	5.391	113	133892	50.431	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.860%			
50) Toluene-d8	8.653	98	480922	47.981	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.960%			
62) 4-Bromofluorobenzene	11.079	95	185061	48.443	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	58227	21.272	ug/l	99
3) Chloromethane	1.294	50	49172	17.083	ug/l	99
4) Vinyl Chloride	1.374	62	55084	18.620	ug/l	100
5) Bromomethane	1.599	94	38049	29.718	ug/l	99
6) Chloroethane	1.685	64	37132	20.420	ug/l	99
7) Trichlorofluoromethane	1.886	101	97981	23.784	ug/l	100
8) Diethyl Ether	2.136	74	36194	22.548	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	55161	20.481	ug/l	96
10) Methyl Iodide	2.453	142	61746	16.242	ug/l	95
11) Tert butyl alcohol	2.965	59	64084	104.974	ug/l	99
12) 1,1-Dichloroethene	2.319	96	50130	19.361	ug/l	97
13) Acrolein	2.233	56	31820	74.360	ug/l	95
14) Allyl chloride	2.666	41	80886	19.916	ug/l	91
15) Acrylonitrile	3.068	53	154291	96.035	ug/l	98
16) Acetone	2.380	43	148605	121.649	ug/l	90
17) Carbon Disulfide	2.508	76	118129	16.793	ug/l	100
18) Methyl Acetate	2.703	43	68797	20.097	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	176845	20.614	ug/l	98
20) Methylene Chloride	2.788	84	58143	19.112	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	53950	18.746	ug/l	98
22) Diisopropyl ether	3.763	45	167599	20.643	ug/l #	83
23) Vinyl Acetate	3.727	43	728459	107.251	ug/l	95
24) 1,1-Dichloroethane	3.611	63	99529	20.189	ug/l	98
25) 2-Butanone	4.562	43	219919	102.526	ug/l	96
26) 2,2-Dichloropropane	4.477	77	77778	22.004	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	64293	19.255	ug/l	99
28) Bromochloromethane	4.904	49	37042	18.059	ug/l	98
29) Tetrahydrofuran	5.007	42	141432	99.650	ug/l	90
30) Chloroform	5.099	83	110592	21.254	ug/l	96
31) Cyclohexane	5.477	56	83033	19.063	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	98101	22.059	ug/l	99
36) 1,1-Dichloropropene	5.696	75	75930	20.599	ug/l	100
37) Ethyl Acetate	4.721	43	82915	21.339	ug/l	97
38) Carbon Tetrachloride	5.684	117	87576	22.976	ug/l	99
39) Methylcyclohexane	7.385	83	89810	19.294	ug/l	96
40) Benzene	6.044	78	223100	19.872	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	45033	21.496	ug/l	94
42) 1,2-Dichloroethane	6.092	62	89639	24.441	ug/l	95
43) Isopropyl Acetate	6.342	43	124566	21.267	ug/l	95
44) Trichloroethene	7.129	130	63255	20.513	ug/l	97
45) 1,2-Dichloropropane	7.434	63	57029	20.272	ug/l	96
46) Dibromomethane	7.586	93	43134	21.551	ug/l	98
47) Bromodichloromethane	7.824	83	83675	22.638	ug/l	99
48) Methyl methacrylate	7.696	41	65247	22.401	ug/l	86
49) 1,4-Dioxane	7.659	88	31339	410.876	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	432469	110.281	ug/l	92
52) Toluene	8.720	92	145666	20.352	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	81446	21.476	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	90445	21.246	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	63237	21.171	ug/l	96
56) Ethyl methacrylate	9.116	69	90981	20.650	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	101264	21.001	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	220259	99.017	ug/l	100
59) 2-Hexanone	9.433	43	337969	111.571	ug/l	89
60) Dibromochloromethane	9.525	129	67219	22.050	ug/l	97
61) 1,2-Dibromoethane	9.610	107	65241	21.151	ug/l	96
64) Tetrachloroethene	9.275	164	57694	21.453	ug/l	96
65) Chlorobenzene	10.079	112	166267	20.593	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	62272	22.060	ug/l	97
67) Ethyl Benzene	10.195	91	287296	20.634	ug/l	98
68) m/p-Xylenes	10.305	106	224685	41.140	ug/l	97
69) o-Xylene	10.646	106	110781	20.545	ug/l	96
70) Styrene	10.659	104	182463	20.386	ug/l	97
71) Bromoform	10.805	173	51138	22.183	ug/l #	99
73) Isopropylbenzene	10.963	105	295465	17.856	ug/l	98
74) N-amyl acetate	10.848	43	106820	17.662	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	99901	17.568	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	90651m	18.261	ug/l	
77) Bromobenzene	11.201	156	74903	17.938	ug/l	96
78) n-propylbenzene	11.305	91	328870	17.668	ug/l	98
79) 2-Chlorotoluene	11.366	91	205034	17.625	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	252339	17.787	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25602	16.680	ug/l #	81
82) 4-Chlorotoluene	11.457	91	232049	17.633	ug/l	99
83) tert-Butylbenzene	11.713	119	249761	17.613	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	252502	17.946	ug/l	99
85) sec-Butylbenzene	11.890	105	334636	19.566	ug/l	100
86) p-Isopropyltoluene	12.012	119	299298	20.669	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	161892	20.636	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	160745	20.238	ug/l	99
89) n-Butylbenzene	12.335	91	239630	19.757	ug/l	97
90) Hexachloroethane	12.542	117	45418	20.124	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	160682	20.774	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22858	19.186	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	99071	19.513	ug/l	100
94) Hexachlorobutadiene	13.725	225	44762	20.106	ug/l	95
95) Naphthalene	13.780	128	335805	19.702	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	101161	19.938	ug/l	96

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

