

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031022\
 Data File : VX027371.D
 Acq On : 10 Mar 2022 12:47
 Operator : JC/MD
 Sample : VX0310WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0310WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/11/2022
 Supervised By : Mahesh Dadoda 03/11/2022

Quant Time: Mar 11 00:44:32 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	5.550	168	334711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	512721	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	481698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	235822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	177835	45.561	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.120%		
35) Dibromofluoromethane	5.385	113	166049	50.190	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.380%		
50) Toluene-d8	8.647	98	621840	49.787	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.580%		
62) 4-Bromofluorobenzene	11.079	95	231806	48.695	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	64228	18.720	ug/l	99
3) Chloromethane	1.295	50	62251	17.254	ug/l	100
4) Vinyl Chloride	1.374	62	64102	17.287	ug/l	99
5) Bromomethane	1.599	94	43599	26.677	ug/l	97
6) Chloroethane	1.685	64	37101	16.204	ug/l	98
7) Trichlorofluoromethane	1.886	101	92375	17.889	ug/l	96
8) Diethyl Ether	2.130	74	36431	18.106	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	64025	18.965	ug/l	95
10) Methyl Iodide	2.453	142	95238	19.986	ug/l	99
11) Tert butyl alcohol	2.959	59	66717	87.190	ug/l	99
12) 1,1-Dichloroethene	2.319	96	60604	18.674	ug/l	89
13) Acrolein	2.233	56	46028	85.814	ug/l	97
14) Allyl chloride	2.666	41	89367	17.555	ug/l	96
15) Acrylonitrile	3.062	53	185555	92.142	ug/l	99
16) Acetone	2.380	43	144254	93.551	ug/l	100
17) Carbon Disulfide	2.508	76	149759	16.984	ug/l	99
18) Methyl Acetate	2.703	43	76537	17.838	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	200220	18.620	ug/l	98
20) Methylene Chloride	2.788	84	71374	18.717	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	65052	18.034	ug/l	96
22) Diisopropyl ether	3.764	45	190334	18.703	ug/l	95
23) Vinyl Acetate	3.721	43	795937	93.491	ug/l	97
24) 1,1-Dichloroethane	3.611	63	114222	18.485	ug/l	100
25) 2-Butanone	4.556	43	237080	88.179	ug/l	98
26) 2,2-Dichloropropane	4.477	77	80578	18.187	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	78444	18.743	ug/l	92
28) Bromochloromethane	4.904	49	46140	17.946	ug/l	89
29) Tetrahydrofuran	5.007	42	156653	88.057	ug/l	97
30) Chloroform	5.093	83	121961	18.700	ug/l	98
31) Cyclohexane	5.471	56	98711	18.080	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	103830	18.627	ug/l	97
36) 1,1-Dichloropropene	5.696	75	87817	19.118	ug/l	98
37) Ethyl Acetate	4.715	43	89464	18.477	ug/l	98
38) Carbon Tetrachloride	5.678	117	93030	19.586	ug/l	97
39) Methylcyclohexane	7.379	83	113009	19.483	ug/l	98
40) Benzene	6.038	78	272096	19.449	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	49246	18.864	ug/l	98
42) 1,2-Dichloroethane	6.086	62	89138	19.504	ug/l	99
43) Isopropyl Acetate	6.342	43	138606	18.990	ug/l	99
44) Trichloroethene	7.129	130	77005	20.040	ug/l	99
45) 1,2-Dichloropropane	7.434	63	68039	19.409	ug/l	99
46) Dibromomethane	7.580	93	51058	20.472	ug/l	96
47) Bromodichloromethane	7.824	83	93345	20.267	ug/l	100
48) Methyl methacrylate	7.696	41	68331	18.826	ug/l	95
49) 1,4-Dioxane	7.659	88	37009	389.380	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	473311	96.858	ug/l	97
52) Toluene	8.720	92	178942	20.063	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	94405	19.977	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	105826	19.949	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	75357	20.246	ug/l	98
56) Ethyl methacrylate	9.116	69	108132	19.696	ug/l	97
57) 1,3-Dichloropropane	9.311	76	121437	20.211	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	280402	101.158	ug/l	97
59) 2-Hexanone	9.433	43	362350	95.993	ug/l	96
60) Dibromochloromethane	9.525	129	79901	21.033	ug/l	96
61) 1,2-Dibromoethane	9.610	107	80466	20.934	ug/l	99
64) Tetrachloroethene	9.275	164	68853	20.397	ug/l	97
65) Chlorobenzene	10.080	112	201312	19.864	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	72865	20.565	ug/l	99
67) Ethyl Benzene	10.195	91	342216	19.581	ug/l	96
68) m/p-Xylenes	10.305	106	273595	39.911	ug/l	98
69) o-Xylene	10.640	106	135061	19.955	ug/l	98
70) Styrene	10.659	104	223534	19.897	ug/l	99
71) Bromoform	10.799	173	59791	20.663	ug/l #	100
73) Isopropylbenzene	10.964	105	346867	20.112	ug/l	100
74) N-amyl acetate	10.842	43	114697	18.195	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	115000	19.403	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	104392m	20.176	ug/l	
77) Bromobenzene	11.201	156	89008	20.451	ug/l	94
78) n-propylbenzene	11.305	91	391518	20.181	ug/l	98
79) 2-Chlorotoluene	11.366	91	238756	19.691	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	297785	20.139	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	30531	19.084	ug/l	91
82) 4-Chlorotoluene	11.457	91	270602	19.728	ug/l	98
83) tert-Butylbenzene	11.719	119	298113	20.170	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	297479	20.285	ug/l	99
85) sec-Butylbenzene	11.890	105	356122	19.977	ug/l	99
86) p-Isopropyltoluene	12.012	119	305851	20.265	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	164202	20.082	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	164065	19.818	ug/l	99
89) n-Butylbenzene	12.335	91	250046	19.780	ug/l	98
90) Hexachloroethane	12.542	117	46640	19.827	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	162013	20.096	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25780	20.761	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	108857	20.571	ug/l	99
94) Hexachlorobutadiene	13.725	225	46998	20.254	ug/l	95
95) Naphthalene	13.780	128	370017	20.828	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	109236	20.656	ug/l	96

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

