

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031022\
 Data File : VX027370.D
 Acq On : 10 Mar 2022 12:13
 Operator : JC/MD
 Sample : VX0310WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0310WBS01

Manual Integrations
 APPROVED

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

Quant Time: Mar 11 00:44:06 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	352605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	543240	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	498684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	246103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	184140	44.782	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.560%		
35) Dibromofluoromethane	5.385	113	173314	49.443	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.880%		
50) Toluene-d8	8.653	98	655783	49.555	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.100%		
62) 4-Bromofluorobenzene	11.079	95	238852	47.356	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	69064	19.108	ug/l	99
3) Chloromethane	1.295	50	66789	17.573	ug/l	98
4) Vinyl Chloride	1.374	62	67689	17.328	ug/l	97
5) Bromomethane	1.599	94	45818	26.598	ug/l	98
6) Chloroethane	1.685	64	39532	16.392	ug/l	97
7) Trichlorofluoromethane	1.886	101	99251	18.245	ug/l	100
8) Diethyl Ether	2.136	74	37151	17.527	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	68141	19.160	ug/l	96
10) Methyl Iodide	2.453	142	97397	19.402	ug/l	99
11) Tert butyl alcohol	2.959	59	68026	84.389	ug/l	99
12) 1,1-Dichloroethene	2.319	96	64448	18.850	ug/l	92
13) Acrolein	2.233	56	50109	88.681	ug/l	97
14) Allyl chloride	2.666	41	93191	17.378	ug/l	95
15) Acrylonitrile	3.063	53	189284	89.224	ug/l	100
16) Acetone	2.380	43	159083	98.069	ug/l	100
17) Carbon Disulfide	2.508	76	158704	17.085	ug/l	99
18) Methyl Acetate	2.703	43	77580	17.163	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	203551	17.969	ug/l	98
20) Methylene Chloride	2.788	84	73170	18.215	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	69103	18.184	ug/l	96
22) Diisopropyl ether	3.764	45	193393	18.039	ug/l	94
23) Vinyl Acetate	3.721	43	804238	89.672	ug/l	97
24) 1,1-Dichloroethane	3.611	63	117401	18.035	ug/l	98
25) 2-Butanone	4.556	43	250347	88.388	ug/l	99
26) 2,2-Dichloropropane	4.477	77	83966	17.990	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	80491	18.256	ug/l	93
28) Bromochloromethane	4.898	49	47821	17.656	ug/l	89
29) Tetrahydrofuran	5.007	42	162300	86.602	ug/l	96
30) Chloroform	5.093	83	126407	18.398	ug/l	98
31) Cyclohexane	5.477	56	106958	18.596	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	108150	18.417	ug/l	98
36) 1,1-Dichloropropene	5.696	75	93019	19.113	ug/l	97
37) Ethyl Acetate	4.715	43	90241	17.590	ug/l	98
38) Carbon Tetrachloride	5.678	117	97569	19.388	ug/l	98
39) Methylcyclohexane	7.385	83	119275	19.408	ug/l	99
40) Benzene	6.044	78	283516	19.127	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	48911	17.683	ug/l	99
42) 1,2-Dichloroethane	6.092	62	90881	18.769	ug/l	99
43) Isopropyl Acetate	6.342	43	136925	17.706	ug/l	99
44) Trichloroethene	7.129	130	81789	20.089	ug/l	99
45) 1,2-Dichloropropane	7.434	63	70734	19.044	ug/l	98
46) Dibromomethane	7.580	93	51070	19.326	ug/l	94
47) Bromodichloromethane	7.824	83	94543	19.374	ug/l	98
48) Methyl methacrylate	7.696	41	70541	18.343	ug/l	94
49) 1,4-Dioxane	7.659	88	37477	372.152	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	477555	92.236	ug/l	98
52) Toluene	8.720	92	186558	19.742	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	94566	18.887	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	108096	19.232	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	77095	19.549	ug/l	98
56) Ethyl methacrylate	9.116	69	109483	18.821	ug/l	97
57) 1,3-Dichloropropane	9.311	76	122053	19.172	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	287521	97.899	ug/l	98
59) 2-Hexanone	9.433	43	366195	91.562	ug/l	95
60) Dibromochloromethane	9.525	129	80768	20.067	ug/l	96
61) 1,2-Dibromoethane	9.610	107	81372	19.981	ug/l	99
64) Tetrachloroethene	9.275	164	72078	20.625	ug/l	98
65) Chlorobenzene	10.080	112	209336	19.953	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	75020	20.452	ug/l	99
67) Ethyl Benzene	10.195	91	356145	19.684	ug/l	98
68) m/p-Xylenes	10.305	106	283401	39.933	ug/l	99
69) o-Xylene	10.647	106	139269	19.876	ug/l	98
70) Styrene	10.659	104	231056	19.866	ug/l	99
71) Bromoform	10.799	173	59777	19.955	ug/l #	99
73) Isopropylbenzene	10.964	105	362124	20.119	ug/l	100
74) N-amyl acetate	10.842	43	117638	17.882	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	116651	18.860	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	103563m	19.180	ug/l	
77) Bromobenzene	11.201	156	91529	20.152	ug/l	92
78) n-propylbenzene	11.305	91	404514	19.980	ug/l	98
79) 2-Chlorotoluene	11.366	91	245197	19.378	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	308760	20.009	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29981	17.957	ug/l	90
82) 4-Chlorotoluene	11.457	91	278346	19.445	ug/l	97
83) tert-Butylbenzene	11.720	119	309619	20.073	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	309279	20.208	ug/l	99
85) sec-Butylbenzene	11.890	105	374746	20.144	ug/l	99
86) p-Isopropyltoluene	12.012	119	318525	20.223	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	169342	19.845	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	168155	19.464	ug/l	98
89) n-Butylbenzene	12.335	91	259937	19.703	ug/l	97
90) Hexachloroethane	12.543	117	48852	19.900	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	165642	19.688	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25602	19.756	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	109872	19.895	ug/l	98
94) Hexachlorobutadiene	13.725	225	50146	20.708	ug/l	94
95) Naphthalene	13.780	128	374948	20.224	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	113995	20.656	ug/l	95

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

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