

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031122\
 Data File : VX027394.D
 Acq On : 11 Mar 2022 12:10
 Operator : JC/MD
 Sample : VX0311WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/14/2022
 Supervised By : Mahesh Dadoda 03/14/2022

Quant Time: Mar 11 23:10:14 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	340683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	520740	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	490970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	250868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	182083	45.831	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.660%		
35) Dibromofluoromethane	5.385	113	168086	50.024	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.040%		
50) Toluene-d8	8.647	98	632627	49.870	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.740%		
62) 4-Bromofluorobenzene	11.079	95	238851	49.402	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	61696	17.667	ug/l	98
3) Chloromethane	1.295	50	60154	16.381	ug/l	99
4) Vinyl Chloride	1.374	62	61215	16.219	ug/l	98
5) Bromomethane	1.599	94	42471	25.285	ug/l	98
6) Chloroethane	1.685	64	36874	15.819	ug/l	96
7) Trichlorofluoromethane	1.886	101	90319	17.184	ug/l	100
8) Diethyl Ether	2.136	74	36210	17.681	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	61495	17.896	ug/l	94
10) Methyl Iodide	2.453	142	88565	18.260	ug/l	99
11) Tert butyl alcohol	2.959	59	68129	87.474	ug/l	100
12) 1,1-Dichloroethene	2.319	96	57886	17.523	ug/l	92
13) Acrolein	2.233	56	38567	70.643	ug/l	94
14) Allyl chloride	2.666	41	85912	16.581	ug/l	95
15) Acrylonitrile	3.063	53	178206	86.942	ug/l	99
16) Acetone	2.380	43	137493	87.418	ug/l	100
17) Carbon Disulfide	2.508	76	140539	15.659	ug/l	100
18) Methyl Acetate	2.703	43	74046	16.955	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	194245	17.748	ug/l	98
20) Methylene Chloride	2.788	84	68450	17.636	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	63114	17.190	ug/l	95
22) Diisopropyl ether	3.757	45	180903	17.465	ug/l #	80
23) Vinyl Acetate	3.721	43	764248	88.195	ug/l	98
24) 1,1-Dichloroethane	3.611	63	108908	17.316	ug/l	98
25) 2-Butanone	4.556	43	230458	84.213	ug/l	99
26) 2,2-Dichloropropane	4.477	77	76883	17.049	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	74635	17.521	ug/l	93
28) Bromochloromethane	4.898	49	44532	17.017	ug/l	88
29) Tetrahydrofuran	5.007	42	153282	84.652	ug/l	96
30) Chloroform	5.093	83	117179	17.652	ug/l	100
31) Cyclohexane	5.471	56	94477	17.001	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	98440	17.350	ug/l	98
36) 1,1-Dichloropropene	5.696	75	83855	17.975	ug/l	97
37) Ethyl Acetate	4.715	43	87227	17.738	ug/l	98
38) Carbon Tetrachloride	5.678	117	90480	18.756	ug/l	99
39) Methylcyclohexane	7.379	83	105674	17.938	ug/l	99
40) Benzene	6.038	78	255690	17.995	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	46754	17.634	ug/l	98
42) 1,2-Dichloroethane	6.086	62	85472	18.414	ug/l	98
43) Isopropyl Acetate	6.342	43	129125	17.418	ug/l	99
44) Trichloroethene	7.129	130	74054	18.975	ug/l	94
45) 1,2-Dichloropropane	7.434	63	65556	18.413	ug/l	96
46) Dibromomethane	7.580	93	47875	18.900	ug/l	95
47) Bromodichloromethane	7.824	83	89874	19.213	ug/l	99
48) Methyl methacrylate	7.696	41	66366	18.003	ug/l	94
49) 1,4-Dioxane	7.659	88	37902	392.634	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	453238	91.322	ug/l	97
52) Toluene	8.720	92	171801	18.966	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	90244	18.802	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	100879	18.724	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	73737	19.506	ug/l	99
56) Ethyl methacrylate	9.116	69	103430	18.549	ug/l	96
57) 1,3-Dichloropropane	9.311	76	114042	18.688	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	247176	87.798	ug/l	98
59) 2-Hexanone	9.433	43	348073	90.791	ug/l	95
60) Dibromochloromethane	9.525	129	76465	19.819	ug/l	97
61) 1,2-Dibromoethane	9.610	107	76919	19.703	ug/l	98
64) Tetrachloroethene	9.275	164	67754	19.692	ug/l	99
65) Chlorobenzene	10.080	112	193788	18.761	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	71078	19.682	ug/l	98
67) Ethyl Benzene	10.195	91	326353	18.321	ug/l	96
68) m/p-Xylenes	10.305	106	264557	37.863	ug/l	97
69) o-Xylene	10.647	106	129025	18.704	ug/l	98
70) Styrene	10.659	104	217110	18.960	ug/l	99
71) Bromoform	10.799	173	58429	19.811	ug/l #	99
73) Isopropylbenzene	10.964	105	335186	18.269	ug/l	100
74) N-amyl acetate	10.842	43	110895	16.537	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	113203	17.955	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	99140m	18.012	ug/l	
77) Bromobenzene	11.201	156	87961	18.999	ug/l	91
78) n-propylbenzene	11.305	91	378129	18.322	ug/l	97
79) 2-Chlorotoluene	11.366	91	230875	17.899	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	288726	18.355	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	29715	17.460	ug/l	92
82) 4-Chlorotoluene	11.457	91	263115	18.032	ug/l	97
83) tert-Butylbenzene	11.719	119	289528	18.414	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	288984	18.523	ug/l	100
85) sec-Butylbenzene	11.890	105	351096	18.514	ug/l	100
86) p-Isopropyltoluene	12.012	119	297639	18.538	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	161451	18.561	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	162240	18.422	ug/l	99
89) n-Butylbenzene	12.335	91	245004	18.218	ug/l	97
90) Hexachloroethane	12.543	117	44908	17.946	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	160484	18.713	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23864	18.065	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	105057	18.662	ug/l	100
94) Hexachlorobutadiene	13.725	225	47059	19.064	ug/l	92
95) Naphthalene	13.780	128	348392	18.435	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	106152	18.869	ug/l	95

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

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