

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042722\
 Data File : VX028374.D
 Acq On : 27 Apr 2022 13:37
 Operator : JC/MD
 Sample : VX0427WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/28/2022
 Supervised By : Mahesh Dadoda 04/28/2022

Quant Time: Apr 28 04:21:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	348525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	554829	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	507578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	262960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	212273	46.711	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.420%		
35) Dibromofluoromethane	5.391	113	188626	48.478	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.960%		
50) Toluene-d8	8.653	98	694768	46.490	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.980%		
62) 4-Bromofluorobenzene	11.079	95	256676	44.919	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	60057	26.694	ug/l	99
3) Chloromethane	1.288	50	56866	23.808	ug/l	99
4) Vinyl Chloride	1.374	62	65623	18.677	ug/l	99
5) Bromomethane	1.605	94	91600	25.202	ug/l	100
6) Chloroethane	1.685	64	45988	16.091	ug/l	95
7) Trichlorofluoromethane	1.886	101	121602	15.695	ug/l	99
8) Diethyl Ether	2.136	74	43611	16.656	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	62866	22.274	ug/l	96
10) Methyl Iodide	2.453	142	76378	22.951	ug/l	96
11) Tert butyl alcohol	2.971	59	79956	85.331	ug/l	96
12) 1,1-Dichloroethene	2.319	96	57736	21.555	ug/l	92
13) Acrolein	2.233	56	45837	82.302	ug/l	98
14) Allyl chloride	2.666	41	78177	17.394	ug/l	92
15) Acrylonitrile	3.062	53	172379	93.082	ug/l	99
16) Acetone	2.380	43	145130	103.744	ug/l	98
17) Carbon Disulfide	2.514	76	101855	14.121	ug/l	100
18) Methyl Acetate	2.703	43	78163	19.345	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	210733	18.867	ug/l	98
20) Methylene Chloride	2.788	84	71363	21.165	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	65782	18.059	ug/l	93
22) Diisopropyl ether	3.764	45	186769	18.245	ug/l	91
23) Vinyl Acetate	3.721	43	784295	87.697	ug/l	100
24) 1,1-Dichloroethane	3.611	63	113249	18.736	ug/l	99
25) 2-Butanone	4.556	43	231576	86.045	ug/l	100
26) 2,2-Dichloropropane	4.483	77	94369	15.991	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	80671	18.573	ug/l	91
28) Bromochloromethane	4.898	49	56621	21.834	ug/l	88
29) Tetrahydrofuran	5.007	42	147331	83.956	ug/l	100
30) Chloroform	5.099	83	129246	17.805	ug/l	96
31) Cyclohexane	5.477	56	92687	16.741	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	113281	17.234	ug/l	97
36) 1,1-Dichloropropene	5.696	75	91035	17.936	ug/l	98
37) Ethyl Acetate	4.721	43	90369	17.548	ug/l	100
38) Carbon Tetrachloride	5.684	117	93939	16.395	ug/l	98
39) Methylcyclohexane	7.379	83	103904	16.225	ug/l	98
40) Benzene	6.044	78	270923	18.236	ug/l	97

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41) Methacrylonitrile	4.916	41	47946	18.045	ug/l	98
42) 1,2-Dichloroethane	6.086	62	97329	17.648	ug/l	100
43) Isopropyl Acetate	6.342	43	139719	16.670	ug/l	98
44) Trichloroethene	7.129	130	80063	18.583	ug/l	99
45) 1,2-Dichloropropane	7.434	63	66444	18.271	ug/l	97
46) Dibromomethane	7.586	93	51356	18.003	ug/l	98
47) Bromodichloromethane	7.824	83	88021	16.054	ug/l	100
48) Methyl methacrylate	7.696	41	66601	17.308	ug/l	92
49) 1,4-Dioxane	7.671	88	36545	355.000	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	469114	87.219	ug/l	96
52) Toluene	8.720	92	182241	17.656	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	90209	15.481	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	101553	16.230	ug/l #	92
55) 1,1,2-Trichloroethane	9.153	97	75589	18.024	ug/l	97
56) Ethyl methacrylate	9.116	69	106322	17.490	ug/l #	92
57) 1,3-Dichloropropane	9.311	76	122791	18.141	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	285861	100.223	ug/l	93
59) 2-Hexanone	9.433	43	359284	86.235	ug/l	94
60) Dibromochloromethane	9.525	129	69297	15.157	ug/l	96
61) 1,2-Dibromoethane	9.610	107	80910	17.586	ug/l	100
64) Tetrachloroethene	9.275	164	78572	19.818	ug/l	97
65) Chlorobenzene	10.079	112	207938	19.214	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	71788	17.807	ug/l	99
67) Ethyl Benzene	10.195	91	349334	19.251	ug/l	96
68) m/p-Xylenes	10.305	106	280576	37.990	ug/l	96
69) o-Xylene	10.640	106	138835	18.855	ug/l	95
70) Styrene	10.659	104	226126	18.955	ug/l	99
71) Bromoform	10.799	173	47998	15.555	ug/l #	99
73) Isopropylbenzene	10.963	105	357364	19.772	ug/l	99
74) N-amyl acetate	10.842	43	116330	18.621	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	115222	19.645	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	102248m	19.757	ug/l	
77) Bromobenzene	11.201	156	92048	19.555	ug/l	91
78) n-propylbenzene	11.305	91	397503	19.834	ug/l	97
79) 2-Chlorotoluene	11.366	91	239813	19.246	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	299675	19.533	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	24008	13.786	ug/l #	77
82) 4-Chlorotoluene	11.457	91	275547	19.198	ug/l	95
83) tert-Butylbenzene	11.713	119	299466	19.115	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	300669	19.715	ug/l	98
85) sec-Butylbenzene	11.890	105	356738	18.874	ug/l	97
86) p-Isopropyltoluene	12.012	119	310577	19.047	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	172789	19.536	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	175322	18.879	ug/l	100
89) n-Butylbenzene	12.335	91	244126	18.233	ug/l	97
90) Hexachloroethane	12.542	117	41647	15.494	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	175237	19.944	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22213	17.030	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	106457	20.371	ug/l	100
94) Hexachlorobutadiene	13.725	225	43615	18.703	ug/l	95
95) Naphthalene	13.780	128	377896	21.707	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	109929	21.430	ug/l	94

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

