

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028697.D
 Acq On : 13 May 2022 23:29
 Operator : JC/MD
 Sample : VX0513WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS02

Quant Time: May 16 02:28:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/16/2022
 Supervised By : Mahesh Dadoda 05/16/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	193387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	329950	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	301817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	130790	49.338	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.680%		
35) Dibromofluoromethane	5.391	113	104647	48.408	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.820%		
50) Toluene-d8	8.653	98	389931	47.842	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.680%		
62) 4-Bromofluorobenzene	11.079	95	138527	45.505	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	50430	19.915	ug/l	99
3) Chloromethane	1.288	50	47634	19.974	ug/l	98
4) Vinyl Chloride	1.374	62	51394	19.998	ug/l	98
5) Bromomethane	1.605	94	44191	21.120	ug/l	99
6) Chloroethane	1.685	64	34698	20.118	ug/l	95
7) Trichlorofluoromethane	1.886	101	80500	19.647	ug/l	97
8) Diethyl Ether	2.130	74	30157	20.199	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	41765	19.370	ug/l	96
10) Methyl Iodide	2.453	142	42481	16.457	ug/l	95
11) Tert butyl alcohol	2.965	59	62252	106.062	ug/l	96
12) 1,1-Dichloroethene	2.319	96	38596	19.284	ug/l	92
13) Acrolein	2.233	56	47876	110.031	ug/l	99
14) Allyl chloride	2.666	41	61559	19.177	ug/l	90
15) Acrylonitrile	3.062	53	131422	102.898	ug/l	99
16) Acetone	2.380	43	116668	102.547	ug/l	93
17) Carbon Disulfide	2.514	76	96093	18.521	ug/l	99
18) Methyl Acetate	2.703	43	60283	21.156	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	139781	19.681	ug/l	100
20) Methylene Chloride	2.788	84	46634	19.538	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	43818	19.436	ug/l	96
22) Diisopropyl ether	3.764	45	139822	20.382	ug/l #	88
23) Vinyl Acetate	3.721	43	602719	101.918	ug/l	96
24) 1,1-Dichloroethane	3.611	63	79473	19.928	ug/l	97
25) 2-Butanone	4.556	43	183519	102.765	ug/l	96
26) 2,2-Dichloropropane	4.483	77	48329	15.456	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	51359	19.505	ug/l	97
28) Bromochloromethane	4.904	49	31108	18.532	ug/l	91
29) Tetrahydrofuran	5.007	42	118648	102.212	ug/l	93
30) Chloroform	5.099	83	87006	20.158	ug/l	100
31) Cyclohexane	5.477	56	71399	19.404	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	72428	19.222	ug/l	97
36) 1,1-Dichloropropene	5.696	75	62703	19.311	ug/l	99
37) Ethyl Acetate	4.721	43	68746	20.271	ug/l	98
38) Carbon Tetrachloride	5.684	117	63916	19.560	ug/l	97
39) Methylcyclohexane	7.385	83	69338	18.621	ug/l	95
40) Benzene	6.044	78	184375	19.758	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	35511	19.529	ug/l	93
42) 1,2-Dichloroethane	6.092	62	68451	19.887	ug/l	98
43) Isopropyl Acetate	6.342	43	102336	19.288	ug/l	95
44) Trichloroethene	7.129	130	48852	19.303	ug/l	94
45) 1,2-Dichloropropane	7.434	63	46361	19.913	ug/l	99
46) Dibromomethane	7.586	93	34140	19.635	ug/l	91
47) Bromodichloromethane	7.824	83	62954	19.502	ug/l	97
48) Methyl methacrylate	7.696	41	51593	20.130	ug/l	85
49) 1,4-Dioxane	7.671	88	25576	399.443	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	360368	103.116	ug/l	91
52) Toluene	8.720	92	119588	19.922	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	58455	16.856	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	67015	18.450	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	48793	19.933	ug/l	94
56) Ethyl methacrylate	9.116	69	71351	19.249	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	81428	19.723	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	173610	95.664	ug/l	100
59) 2-Hexanone	9.433	43	276932	101.993	ug/l	90
60) Dibromochloromethane	9.525	129	45412	19.023	ug/l	97
61) 1,2-Dibromoethane	9.610	107	50544	19.660	ug/l	98
64) Tetrachloroethene	9.275	164	44317	19.444	ug/l	95
65) Chlorobenzene	10.079	112	126103	19.695	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	44282	19.524	ug/l	98
67) Ethyl Benzene	10.195	91	225696	19.666	ug/l	100
68) m/p-Xylenes	10.305	106	177570	39.742	ug/l	99
69) o-Xylene	10.646	106	84797	19.276	ug/l	97
70) Styrene	10.659	104	139548	19.534	ug/l	97
71) Bromoform	10.799	173	30145	17.294	ug/l #	99
73) Isopropylbenzene	10.963	105	222141	19.905	ug/l	99
74) N-amyl acetate	10.848	43	84488	19.259	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	77075	20.131	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	67242m	19.510	ug/l	
77) Bromobenzene	11.201	156	51461	19.488	ug/l	96
78) n-propylbenzene	11.305	91	255697	19.807	ug/l	99
79) 2-Chlorotoluene	11.366	91	152425	19.264	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	184682	19.860	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	16106	16.732	ug/l #	73
82) 4-Chlorotoluene	11.457	91	177479	19.403	ug/l	100
83) tert-Butylbenzene	11.713	119	179118	19.894	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	185248	19.865	ug/l	99
85) sec-Butylbenzene	11.890	105	215804	19.431	ug/l	99
86) p-Isopropyltoluene	12.012	119	182304	19.562	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	100200	19.346	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	101186	18.835	ug/l	97
89) n-Butylbenzene	12.335	91	150825	18.679	ug/l	96
90) Hexachloroethane	12.542	117	26650	17.683	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	100539	19.760	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16249	19.876	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	56888	19.358	ug/l	99
94) Hexachlorobutadiene	13.725	225	22039	18.460	ug/l	94
95) Naphthalene	13.774	128	214182	20.481	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	56698	19.209	ug/l	96

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

