

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028670.D
 Acq On : 13 May 2022 12:13
 Operator : JC/MD
 Sample : VX0513WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS01

Manual Integrations
 APPROVED

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

Quant Time: May 16 02:18:19 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	198561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	337389	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	145266	53.371	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.740%			
35) Dibromofluoromethane	5.385	113	117684	53.238	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.480%			
50) Toluene-d8	8.653	98	439765	52.767	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.540%			
62) 4-Bromofluorobenzene	11.079	95	156877	50.397	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.800%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	52031	20.012	ug/l	99
3) Chloromethane	1.294	50	48804	19.932	ug/l	99
4) Vinyl Chloride	1.374	62	53999	20.464	ug/l	97
5) Bromomethane	1.605	94	44430	20.552	ug/l	100
6) Chloroethane	1.685	64	34807	19.603	ug/l	99
7) Trichlorofluoromethane	1.886	101	83319	19.805	ug/l	96
8) Diethyl Ether	2.136	74	30323	19.781	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	42769	19.319	ug/l	93
10) Methyl Iodide	2.453	142	42716	16.117	ug/l	93
11) Tert butyl alcohol	2.971	59	52497	85.638	ug/l	99
12) 1,1-Dichloroethene	2.319	96	39827	19.380	ug/l	95
13) Acrolein	2.239	56	50052	112.035	ug/l	99
14) Allyl chloride	2.666	41	62875	19.076	ug/l	88
15) Acrylonitrile	3.062	53	128147	97.719	ug/l	99
16) Acetone	2.380	43	110561	94.647	ug/l	92
17) Carbon Disulfide	2.514	76	97832	18.365	ug/l	98
18) Methyl Acetate	2.703	43	56699	19.379	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	143318	19.653	ug/l	100
20) Methylene Chloride	2.788	84	47385	19.335	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	45686	19.737	ug/l	99
22) Diisopropyl ether	3.764	45	139769	19.844	ug/l #	86
23) Vinyl Acetate	3.721	43	610345	100.518	ug/l	95
24) 1,1-Dichloroethane	3.611	63	82006	20.027	ug/l	99
25) 2-Butanone	4.556	43	177150	96.614	ug/l	94
26) 2,2-Dichloropropane	4.477	77	60210	18.754	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	52412	19.387	ug/l	99
28) Bromochloromethane	4.904	49	37091	21.520	ug/l	94
29) Tetrahydrofuran	5.007	42	114246	95.855	ug/l	92
30) Chloroform	5.099	83	88403	19.948	ug/l	97
31) Cyclohexane	5.471	56	73917	19.565	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	75598	19.541	ug/l	98
36) 1,1-Dichloropropene	5.696	75	64778	19.510	ug/l	98
37) Ethyl Acetate	4.715	43	68285	19.691	ug/l	97
38) Carbon Tetrachloride	5.678	117	65321	19.549	ug/l	98
39) Methylcyclohexane	7.385	83	74646	19.604	ug/l	96
40) Benzene	6.044	78	186792	19.576	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	35097	18.876	ug/l	94
42) 1,2-Dichloroethane	6.092	62	70734	20.097	ug/l	97
43) Isopropyl Acetate	6.342	43	104212	19.209	ug/l	93
44) Trichloroethene	7.129	130	50125	19.369	ug/l	92
45) 1,2-Dichloropropane	7.434	63	47479	19.943	ug/l	99
46) Dibromomethane	7.586	93	34887	19.622	ug/l	92
47) Bromodichloromethane	7.824	83	65299	19.782	ug/l	97
48) Methyl methacrylate	7.696	41	50652	19.327	ug/l	86
49) 1,4-Dioxane	7.665	88	25457	388.819	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	349797	97.884	ug/l	93
52) Toluene	8.720	92	120965	19.707	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	63204	17.729	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	70693	19.033	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	50005	19.978	ug/l	98
56) Ethyl methacrylate	9.116	69	72191	19.046	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	82873	19.630	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	180136	97.071	ug/l	99
59) 2-Hexanone	9.433	43	271178	97.672	ug/l	89
60) Dibromochloromethane	9.525	129	47680	19.532	ug/l	98
61) 1,2-Dibromoethane	9.610	107	50892	19.359	ug/l	98
64) Tetrachloroethene	9.275	164	46880	20.121	ug/l	95
65) Chlorobenzene	10.079	112	130259	19.901	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	46023	19.849	ug/l	99
67) Ethyl Benzene	10.195	91	233501	19.903	ug/l	99
68) m/p-Xylenes	10.305	106	181212	39.674	ug/l	98
69) o-Xylene	10.646	106	88136	19.599	ug/l	98
70) Styrene	10.659	104	145423	19.913	ug/l	98
71) Bromoform	10.799	173	31245	17.509	ug/l #	100
73) Isopropylbenzene	10.963	105	231928	20.090	ug/l	98
74) N-amyl acetate	10.848	43	86864	19.141	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	76355	19.279	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	68325m	19.165	ug/l	
77) Bromobenzene	11.201	156	53465	19.573	ug/l	94
78) n-propylbenzene	11.305	91	266649	19.968	ug/l	99
79) 2-Chlorotoluene	11.366	91	159957	19.543	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	194303	20.199	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18365	18.048	ug/l #	78
82) 4-Chlorotoluene	11.457	91	187780	19.845	ug/l	99
83) tert-Butylbenzene	11.713	119	183647	19.718	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	197696	20.494	ug/l	98
85) sec-Butylbenzene	11.890	105	227379	19.792	ug/l	100
86) p-Isopropyltoluene	12.012	119	192450	19.963	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	103286	19.278	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	104963	18.887	ug/l	97
89) n-Butylbenzene	12.335	91	163003	19.515	ug/l	96
90) Hexachloroethane	12.542	117	29451	18.891	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	102439	19.463	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15703	18.569	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	58768	19.332	ug/l	98
94) Hexachlorobutadiene	13.725	225	23759	19.238	ug/l	94
95) Naphthalene	13.774	128	217003	20.060	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	59240	19.402	ug/l	97

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

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