

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030843.D
 Acq On : 27 Aug 2022 02:49
 Operator : JC/MD
 Sample : VX0826WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0826WBSD02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Mahesh Dadoda 08/29/2022

Quant Time: Aug 27 06:29:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	230029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	399750	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	365235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138093	51.037	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.080%			
35) Dibromofluoromethane	5.391	113	117352	47.766	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.540%			
50) Toluene-d8	8.653	98	409487	47.831	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.660%			
62) 4-Bromofluorobenzene	11.085	95	151816	47.632	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	40216	18.865	ug/l	98
3) Chloromethane	1.288	50	37198	20.813	ug/l	97
4) Vinyl Chloride	1.374	62	43817	20.707	ug/l	98
5) Bromomethane	1.605	94	23129	21.579	ug/l	96
6) Chloroethane	1.685	64	26946	21.560	ug/l	99
7) Trichlorofluoromethane	1.886	101	67195	19.083	ug/l	97
8) Diethyl Ether	2.136	74	26334	19.765	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	40926	18.270	ug/l	98
10) Methyl Iodide	2.453	142	30199	18.859	ug/l	93
11) Tert butyl alcohol	2.977	59	63442	108.011	ug/l	100
12) 1,1-Dichloroethene	2.319	96	37641	18.052	ug/l	90
13) Acrolein	2.239	56	43641	90.625	ug/l	97
14) Allyl chloride	2.666	41	69538	18.023	ug/l	98
15) Acrylonitrile	3.068	53	154969	107.613	ug/l	99
16) Acetone	2.386	43	131655	105.294	ug/l	97
17) Carbon Disulfide	2.514	76	75072	17.865	ug/l	97
18) Methyl Acetate	2.709	43	84478	21.983	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	148244	20.531	ug/l	97
20) Methylene Chloride	2.788	84	49886	21.297	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	41832	18.676	ug/l	99
22) Diisopropyl ether	3.763	45	160201	20.672	ug/l	98
23) Vinyl Acetate	3.727	43	637556	102.571	ug/l	99
24) 1,1-Dichloroethane	3.611	63	86170	19.617	ug/l	97
25) 2-Butanone	4.568	43	212048	105.279	ug/l	98
26) 2,2-Dichloropropane	4.483	77	31232	9.815	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	50716	18.328	ug/l	97
28) Bromochloromethane	4.903	49	40068	21.201	ug/l	98
29) Tetrahydrofuran	5.013	42	138878	105.647	ug/l	97
30) Chloroform	5.099	83	89720	19.406	ug/l	96
31) Cyclohexane	5.470	56	63269	18.287	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	74668	19.975	ug/l	98
36) 1,1-Dichloropropene	5.696	75	59255	17.712	ug/l	97
37) Ethyl Acetate	4.727	43	76212	19.233	ug/l	99
38) Carbon Tetrachloride	5.678	117	62856	17.812	ug/l	97
39) Methylcyclohexane	7.385	83	63964	15.975	ug/l	96
40) Benzene	6.043	78	185369	18.520	ug/l	97

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41) Methacrylonitrile	4.928	41	43876	19.816	ug/l	97
42) 1,2-Dichloroethane	6.092	62	69421	19.547	ug/l	97
43) Isopropyl Acetate	6.342	43	119982	20.102	ug/l	98
44) Trichloroethene	7.129	130	50146	17.341	ug/l	99
45) 1,2-Dichloropropane	7.433	63	51885	18.738	ug/l	98
46) Dibromomethane	7.586	93	34796	17.690	ug/l	98
47) Bromodichloromethane	7.824	83	70661	19.077	ug/l	95
48) Methyl methacrylate	7.696	41	59290	19.928	ug/l	97
49) 1,4-Dioxane	7.677	88	31064	422.937	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	417819	103.787	ug/l	100
52) Toluene	8.720	92	117773	18.851	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	62248	17.393	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	69598	17.269	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	53658	19.326	ug/l	98
56) Ethyl methacrylate	9.116	69	79071	19.859	ug/l	98
57) 1,3-Dichloropropane	9.311	76	87143	19.479	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	216447	101.652	ug/l	99
59) 2-Hexanone	9.433	43	320266	106.040	ug/l	100
60) Dibromochloromethane	9.525	129	52945	18.287	ug/l	98
61) 1,2-Dibromoethane	9.610	107	54570	19.383	ug/l	99
64) Tetrachloroethene	9.275	164	50396	17.517	ug/l	96
65) Chlorobenzene	10.079	112	128836	18.235	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	49043	18.498	ug/l	98
67) Ethyl Benzene	10.195	91	222639	18.239	ug/l	100
68) m/p-Xylenes	10.305	106	173450	37.088	ug/l	98
69) o-Xylene	10.646	106	87239	18.851	ug/l	99
70) Styrene	10.659	104	148872	19.384	ug/l	98
71) Bromoform	10.799	173	38793	17.708	ug/l #	99
73) Isopropylbenzene	10.963	105	226512	18.992	ug/l	99
74) N-amyl acetate	10.841	43	96731	20.822	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	83401	20.443	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	75705m	19.417	ug/l	
77) Bromobenzene	11.201	156	55880	19.017	ug/l	98
78) n-propylbenzene	11.305	91	259286	18.903	ug/l	99
79) 2-Chlorotoluene	11.366	91	161194	19.185	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	191808	19.216	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	18562	15.360	ug/l #	84
82) 4-Chlorotoluene	11.457	91	180322	19.146	ug/l	98
83) tert-Butylbenzene	11.719	119	184496	19.204	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	190761	19.733	ug/l	99
85) sec-Butylbenzene	11.890	105	240193	19.187	ug/l	100
86) p-Isopropyltoluene	12.012	119	193618	18.807	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	103825	18.730	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	105444	18.536	ug/l	99
89) n-Butylbenzene	12.335	91	165183	17.333	ug/l	100
90) Hexachloroethane	12.542	117	33882	16.975	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	107968	18.502	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18659	17.769	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	62372	17.094	ug/l	97
94) Hexachlorobutadiene	13.725	225	25366	16.692	ug/l	98
95) Naphthalene	13.780	128	242228	19.070	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	67461	17.487	ug/l	98

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

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