

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082722\
 Data File : VX030867.D
 Acq On : 27 Aug 2022 13:52
 Operator : JC/MD
 Sample : VX0827WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Aug 29 01:09:22 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	213587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	364021	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	335743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	134552	53.556	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.120%			
35) Dibromofluoromethane	5.391	113	114235	51.061	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.120%			
50) Toluene-d8	8.653	98	384204	49.283	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.560%			
62) 4-Bromofluorobenzene	11.085	95	148719	51.240	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	37998	19.197	ug/l	99
3) Chloromethane	1.288	50	33913	20.415	ug/l	97
4) Vinyl Chloride	1.374	62	38792	19.716	ug/l	99
5) Bromomethane	1.605	94	22188	22.295	ug/l	98
6) Chloroethane	1.684	64	24819	21.377	ug/l	97
7) Trichlorofluoromethane	1.886	101	62354	19.072	ug/l	99
8) Diethyl Ether	2.136	74	26721	21.600	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	38689	18.601	ug/l	98
10) Methyl Iodide	2.453	142	26802	18.204	ug/l	91
11) Tert butyl alcohol	2.983	59	67630	124.004	ug/l	99
12) 1,1-Dichloroethene	2.319	96	35392	18.280	ug/l	98
13) Acrolein	2.239	56	56855	123.102	ug/l	96
14) Allyl chloride	2.666	41	72007	20.099	ug/l	96
15) Acrylonitrile	3.068	53	148834	111.309	ug/l	98
16) Acetone	2.386	43	131140	112.956	ug/l	95
17) Carbon Disulfide	2.514	76	67958	17.400	ug/l	98
18) Methyl Acetate	2.709	43	84563	23.699	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	143847	21.455	ug/l	97
20) Methylene Chloride	2.788	84	47559	21.889	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	37033	17.807	ug/l	93
22) Diisopropyl ether	3.763	45	154112	21.417	ug/l	99
23) Vinyl Acetate	3.727	43	640311	110.945	ug/l	98
24) 1,1-Dichloroethane	3.611	63	81521	19.987	ug/l	99
25) 2-Butanone	4.568	43	215243	115.092	ug/l	94
26) 2,2-Dichloropropane	4.477	77	57534	19.474	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	47766	18.591	ug/l	90
28) Bromochloromethane	4.897	49	40443	23.046	ug/l	96
29) Tetrahydrofuran	5.019	42	135609	111.101	ug/l	98
30) Chloroform	5.098	83	85897	20.009	ug/l	97
31) Cyclohexane	5.470	56	59833	18.625	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	69350	19.981	ug/l	99
36) 1,1-Dichloropropene	5.696	75	52534	17.244	ug/l	96
37) Ethyl Acetate	4.721	43	79131	21.930	ug/l	97
38) Carbon Tetrachloride	5.684	117	57495	17.892	ug/l	95
39) Methylcyclohexane	7.385	83	61835	16.959	ug/l	98
40) Benzene	6.043	78	170205	18.674	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	44031	21.838	ug/l	97
42) 1,2-Dichloroethane	6.092	62	68436	21.161	ug/l	96
43) Isopropyl Acetate	6.348	43	119069	21.907	ug/l	98
44) Trichloroethene	7.135	130	47984	18.222	ug/l	94
45) 1,2-Dichloropropane	7.433	63	51495	20.423	ug/l	94
46) Dibromomethane	7.580	93	35956	20.074	ug/l	95
47) Bromodichloromethane	7.824	83	69066	20.476	ug/l	95
48) Methyl methacrylate	7.696	41	61418	22.669	ug/l	94
49) 1,4-Dioxane	7.677	88	29578	442.231	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	423076	115.408	ug/l	99
52) Toluene	8.720	92	108051	18.993	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	65636	20.139	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	72526	19.762	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	51398	20.329	ug/l	98
56) Ethyl methacrylate	9.122	69	76852	21.196	ug/l	95
57) 1,3-Dichloropropane	9.311	76	83140	20.408	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	211270	108.960	ug/l	99
59) 2-Hexanone	9.433	43	322841	117.385	ug/l	98
60) Dibromochloromethane	9.525	129	52624	19.961	ug/l	100
61) 1,2-Dibromoethane	9.610	107	51914	20.249	ug/l	98
64) Tetrachloroethene	9.275	164	45050	17.034	ug/l	99
65) Chlorobenzene	10.079	112	120093	18.491	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	46836	19.217	ug/l	99
67) Ethyl Benzene	10.195	91	210213	18.734	ug/l	100
68) m/p-Xylenes	10.305	106	159098	37.007	ug/l	95
69) o-Xylene	10.646	106	78634	18.484	ug/l	91
70) Styrene	10.658	104	136639	19.354	ug/l	98
71) Bromoform	10.805	173	37318	18.531	ug/l #	98
73) Isopropylbenzene	10.963	105	210082	18.519	ug/l	98
74) N-amyl acetate	10.847	43	95588	21.632	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	79903	20.591	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	75630m	20.393	ug/l	
77) Bromobenzene	11.201	156	52783	18.885	ug/l	99
78) n-propylbenzene	11.305	91	245739	18.835	ug/l	99
79) 2-Chlorotoluene	11.366	91	151349	18.938	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	184258	19.407	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.024	75	23207	20.190	ug/l	92
82) 4-Chlorotoluene	11.457	91	174786	19.511	ug/l	98
83) tert-Butylbenzene	11.719	119	172016	18.825	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	185287	20.151	ug/l	95
85) sec-Butylbenzene	11.890	105	231853	19.471	ug/l	99
86) p-Isopropyltoluene	12.012	119	188660	19.266	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	100616	19.083	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	103457	19.120	ug/l	98
89) n-Butylbenzene	12.335	91	169873	18.740	ug/l	99
90) Hexachloroethane	12.542	117	32367	17.048	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	104630	18.851	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21653	21.679	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	64268	18.518	ug/l	99
94) Hexachlorobutadiene	13.725	225	26171	18.106	ug/l	96
95) Naphthalene	13.780	128	244395	20.229	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	67481	18.390	ug/l	99

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

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