

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030814.D
 Acq On : 26 Aug 2022 11:03
 Operator : JC/MD
 Sample : VX0826WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0826WBS01

Manual Integrations
 APPROVED

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

Quant Time: Aug 27 02:37:36 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	248943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	416955	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	384103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	206818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	136138	46.492	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.980%		
35) Dibromofluoromethane	5.385	113	117529	45.864	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.720%		
50) Toluene-d8	8.653	98	416531	46.646	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.300%		
62) 4-Bromofluorobenzene	11.079	95	162339	48.831	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	42590	18.461	ug/l	97
3) Chloromethane	1.288	50	35990	18.489	ug/l	96
4) Vinyl Chloride	1.373	62	41709	18.143	ug/l	94
5) Bromomethane	1.605	94	22828	19.680	ug/l	96
6) Chloroethane	1.684	64	26397	19.402	ug/l	100
7) Trichlorofluoromethane	1.886	101	67377	17.681	ug/l	96
8) Diethyl Ether	2.135	74	25814	17.903	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.324	101	42953	17.718	ug/l	96
10) Methyl Iodide	2.453	142	25375	15.544	ug/l	91
11) Tert butyl alcohol	2.971	59	64352	101.236	ug/l	99
12) 1,1-Dichloroethene	2.318	96	39637	17.565	ug/l	90
13) Acrolein	2.239	56	51509	97.926	ug/l	96
14) Allyl chloride	2.666	41	75207	18.011	ug/l	98
15) Acrylonitrile	3.068	53	150417	96.516	ug/l	99
16) Acetone	2.385	43	133885	98.942	ug/l	93
17) Carbon Disulfide	2.507	76	81886	18.012	ug/l	98
18) Methyl Acetate	2.709	43	79529	19.123	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	147506	18.876	ug/l	92
20) Methylene Chloride	2.788	84	48593	19.087	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	42511	17.537	ug/l	94
22) Diisopropyl ether	3.763	45	159008	18.959	ug/l	94
23) Vinyl Acetate	3.727	43	635559	94.481	ug/l	100
24) 1,1-Dichloroethane	3.611	63	86124	18.117	ug/l	99
25) 2-Butanone	4.562	43	210882	96.745	ug/l	95
26) 2,2-Dichloropropane	4.477	77	63607	18.471	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	54509	18.202	ug/l	97
28) Bromochloromethane	4.897	49	39648	19.384	ug/l	99
29) Tetrahydrofuran	5.013	42	135634	95.340	ug/l	99
30) Chloroform	5.092	83	92068	18.401	ug/l	95
31) Cyclohexane	5.470	56	66855	17.855	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	75113	18.568	ug/l	99
36) 1,1-Dichloropropene	5.696	75	60389	17.306	ug/l	98
37) Ethyl Acetate	4.720	43	76841	18.592	ug/l	98
38) Carbon Tetrachloride	5.678	117	64992	17.657	ug/l	99
39) Methylcyclohexane	7.378	83	74660	17.877	ug/l	99
40) Benzene	6.037	78	186023	17.818	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	42815	18.539	ug/l	98
42) 1,2-Dichloroethane	6.092	62	68051	18.371	ug/l	98
43) Isopropyl Acetate	6.342	43	115308	18.522	ug/l	100
44) Trichloroethene	7.122	130	53927	17.879	ug/l	92
45) 1,2-Dichloropropane	7.433	63	53323	18.463	ug/l	98
46) Dibromomethane	7.586	93	35817	17.458	ug/l	95
47) Bromodichloromethane	7.824	83	72153	18.676	ug/l	97
48) Methyl methacrylate	7.695	41	60180	19.392	ug/l	97
49) 1,4-Dioxane	7.665	88	30872	402.979	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	407619	97.075	ug/l	100
52) Toluene	8.720	92	120250	18.453	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	68697	18.403	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	79362	18.879	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	54285	18.746	ug/l	97
56) Ethyl methacrylate	9.116	69	80130	19.295	ug/l	98
57) 1,3-Dichloropropane	9.311	76	87326	18.714	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	217109	97.756	ug/l	99
59) 2-Hexanone	9.433	43	319717	101.490	ug/l	100
60) Dibromochloromethane	9.524	129	54509	18.051	ug/l	100
61) 1,2-Dibromoethane	9.610	107	54616	18.599	ug/l	98
64) Tetrachloroethene	9.274	164	53874	17.806	ug/l	96
65) Chlorobenzene	10.079	112	134852	18.149	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	50027	17.942	ug/l	99
67) Ethyl Benzene	10.195	91	235426	18.339	ug/l	99
68) m/p-Xylenes	10.305	106	180420	36.683	ug/l	97
69) o-Xylene	10.646	106	89550	18.400	ug/l	96
70) Styrene	10.658	104	153405	18.993	ug/l	99
71) Bromoform	10.799	173	40732	17.680	ug/l #	99
73) Isopropylbenzene	10.963	105	239066	17.248	ug/l	99
74) N-amyl acetate	10.847	43	94078	17.425	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	84776	17.881	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	78677m	17.364	ug/l	
77) Bromobenzene	11.201	156	58624	17.167	ug/l	98
78) n-propylbenzene	11.305	91	284400	17.841	ug/l	99
79) 2-Chlorotoluene	11.366	91	174719	17.893	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	200899	17.318	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24651	17.553	ug/l	95
82) 4-Chlorotoluene	11.457	91	192694	17.606	ug/l	100
83) tert-Butylbenzene	11.719	119	196595	17.609	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	205386	18.282	ug/l	99
85) sec-Butylbenzene	11.890	105	263355	18.102	ug/l	99
86) p-Isopropyltoluene	12.012	119	222229	18.574	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	114186	17.725	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	116735	17.658	ug/l	98
89) n-Butylbenzene	12.335	91	208663	18.840	ug/l	99
90) Hexachloroethane	12.542	117	37837	16.311	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	120838	17.819	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21085	17.278	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	81072	19.120	ug/l	98
94) Hexachlorobutadiene	13.725	225	34704	19.650	ug/l	95
95) Naphthalene	13.780	128	283160	19.183	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	81150	18.101	ug/l	96

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

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