

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030789.D
 Acq On : 25 Aug 2022 23:05
 Operator : JC/MD
 Sample : VX0825WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0825WBSD02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/26/2022
 Supervised By :Mahesh Dadoda 08/26/2022

Quant Time: Aug 26 02:43:08 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	236768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	420916	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	368301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	184357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	136734	49.096	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.200%		
35) Dibromofluoromethane	5.391	113	119575	46.224	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.440%		
50) Toluene-d8	8.653	98	418391	46.414	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.820%		
62) 4-Bromofluorobenzene	11.085	95	157123	46.818	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.640%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	42790	19.502	ug/l	100
3) Chloromethane	1.288	50	39942	21.760	ug/l	99
4) Vinyl Chloride	1.374	62	44607	20.474	ug/l	97
5) Bromomethane	1.605	94	22209	20.131	ug/l	95
6) Chloroethane	1.685	64	27802	21.615	ug/l	97
7) Trichlorofluoromethane	1.886	101	69660	19.220	ug/l	95
8) Diethyl Ether	2.136	74	27634	20.151	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	43917	19.047	ug/l	97
10) Methyl Iodide	2.453	142	32126	19.356	ug/l	90
11) Tert butyl alcohol	2.977	59	77626	128.397	ug/l	99
12) 1,1-Dichloroethene	2.319	96	42124	19.627	ug/l	99
13) Acrolein	2.239	56	50441	100.529	ug/l	98
14) Allyl chloride	2.666	41	74245	18.695	ug/l	97
15) Acrylonitrile	3.069	53	159918	107.889	ug/l	99
16) Acetone	2.386	43	134222	104.292	ug/l	98
17) Carbon Disulfide	2.514	76	81848	18.965	ug/l	100
18) Methyl Acetate	2.709	43	87578	22.141	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	155435	20.914	ug/l	96
20) Methylene Chloride	2.788	84	62120	25.937	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	44126	19.140	ug/l	98
22) Diisopropyl ether	3.770	45	165560	20.755	ug/l	91
23) Vinyl Acetate	3.727	43	658562	102.935	ug/l	99
24) 1,1-Dichloroethane	3.611	63	89501	19.795	ug/l	99
25) 2-Butanone	4.568	43	220246	106.237	ug/l	99
26) 2,2-Dichloropropane	4.477	77	41431	12.650	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	55645	19.537	ug/l	99
28) Bromochloromethane	4.904	49	40582	20.861	ug/l	97
29) Tetrahydrofuran	5.019	42	141561	104.623	ug/l	99
30) Chloroform	5.099	83	94040	19.762	ug/l	97
31) Cyclohexane	5.477	56	68634	19.273	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	77642	20.180	ug/l	100
36) 1,1-Dichloropropene	5.696	75	63386	17.994	ug/l	97
37) Ethyl Acetate	4.721	43	80961	19.404	ug/l	100
38) Carbon Tetrachloride	5.684	117	66038	17.773	ug/l	96
39) Methylcyclohexane	7.379	83	72670	17.237	ug/l	98
40) Benzene	6.044	78	196438	18.639	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	44860	19.241	ug/l	99
42) 1,2-Dichloroethane	6.092	62	72355	19.349	ug/l	98
43) Isopropyl Acetate	6.342	43	125067	19.901	ug/l	99
44) Trichloroethene	7.129	130	55070	18.086	ug/l	93
45) 1,2-Dichloropropane	7.434	63	59169	20.294	ug/l	93
46) Dibromomethane	7.586	93	37596	18.152	ug/l	95
47) Bromodichloromethane	7.824	83	76382	19.584	ug/l	92
48) Methyl methacrylate	7.702	41	62392	19.916	ug/l	99
49) 1,4-Dioxane	7.671	88	34905	451.335	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	425986	100.495	ug/l	98
52) Toluene	8.720	92	124403	18.911	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	66620	17.678	ug/l	96
54) cis-1,3-Dichloropropene	8.373	75	74309	17.511	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	55878	19.114	ug/l	98
56) Ethyl methacrylate	9.122	69	82260	19.621	ug/l	98
57) 1,3-Dichloropropane	9.311	76	90588	19.230	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	217583	97.047	ug/l	99
59) 2-Hexanone	9.433	43	333751	104.948	ug/l	98
60) Dibromochloromethane	9.525	129	58062	19.046	ug/l	95
61) 1,2-Dibromoethane	9.610	107	57744	19.479	ug/l	99
64) Tetrachloroethene	9.275	164	54766	18.877	ug/l	97
65) Chlorobenzene	10.080	112	133786	18.778	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	52077	19.479	ug/l	98
67) Ethyl Benzene	10.195	91	236384	19.204	ug/l	99
68) m/p-Xylenes	10.305	106	183168	38.840	ug/l	98
69) o-Xylene	10.647	106	92717	19.868	ug/l	99
70) Styrene	10.659	104	156661	20.229	ug/l	98
71) Bromoform	10.805	173	41280	18.687	ug/l #	97
73) Isopropylbenzene	10.964	105	242423	19.621	ug/l	99
74) N-amyl acetate	10.848	43	99296	20.633	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	86227	20.403	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	78197m	19.360	ug/l	
77) Bromobenzene	11.201	156	59409	19.517	ug/l	98
78) n-propylbenzene	11.305	91	279441	19.666	ug/l	99
79) 2-Chlorotoluene	11.366	91	168061	19.308	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	202682	19.601	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.025	75	21065	16.827	ug/l	89
82) 4-Chlorotoluene	11.457	91	189643	19.438	ug/l	100
83) tert-Butylbenzene	11.719	119	195128	19.607	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	201330	20.104	ug/l	99
85) sec-Butylbenzene	11.890	105	258426	19.927	ug/l	100
86) p-Isopropyltoluene	12.012	119	218415	20.480	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	112429	19.579	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	113587	19.275	ug/l	99
89) n-Butylbenzene	12.335	91	191163	19.363	ug/l	99
90) Hexachloroethane	12.543	117	39012	18.867	ug/l	95
91) 1,2-Dichlorobenzene	12.341	146	123201	20.381	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22440	20.629	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	75181	19.890	ug/l	99
94) Hexachlorobutadiene	13.725	225	29731	18.886	ug/l	97
95) Naphthalene	13.780	128	281994	21.431	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	78826	19.724	ug/l	98

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

