

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082722\
 Data File : VX030893.D
 Acq On : 28 Aug 2022 01:17
 Operator : JC/MD
 Sample : VX0827WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD02

Quant Time: Aug 29 01:14:25 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	184655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	335638	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	305895	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129003	59.393	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	118.780%		
35) Dibromofluoromethane	5.391	113	100496	48.719	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.440%		
50) Toluene-d8	8.653	98	336037	46.749	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.500%		
62) 4-Bromofluorobenzene	11.085	95	128139	47.882	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.760%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	35602	20.805	ug/l	99
3) Chloromethane	1.288	50	32195	22.527	ug/l	100
4) Vinyl Chloride	1.374	62	36115	21.277	ug/l	94
5) Bromomethane	1.611	94	21276	24.728	ug/l	96
6) Chloroethane	1.685	64	23696	23.733	ug/l	99
7) Trichlorofluoromethane	1.886	101	56893	20.128	ug/l	97
8) Diethyl Ether	2.136	74	23399	21.878	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	34711	19.303	ug/l	96
10) Methyl Iodide	2.453	142	27200	20.669	ug/l	# 89
11) Tert butyl alcohol	2.989	59	65447	138.804	ug/l	98
12) 1,1-Dichloroethene	2.319	96	32225	19.252	ug/l	84
13) Acrolein	2.239	56	51103	127.585	ug/l	100
14) Allyl chloride	2.666	41	66373	21.430	ug/l	95
15) Acrylonitrile	3.069	53	148560	128.512	ug/l	99
16) Acetone	2.392	43	137177	136.669	ug/l	91
17) Carbon Disulfide	2.514	76	62377	18.517	ug/l	98
18) Methyl Acetate	2.709	43	83149	26.954	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	138843	23.954	ug/l	97
20) Methylene Chloride	2.794	84	44452	23.731	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	35367	19.670	ug/l	95
22) Diisopropyl ether	3.770	45	151989	24.431	ug/l	92
23) Vinyl Acetate	3.727	43	626717	125.603	ug/l	96
24) 1,1-Dichloroethane	3.617	63	77916	22.097	ug/l	97
25) 2-Butanone	4.568	43	211783	130.985	ug/l	95
26) 2,2-Dichloropropane	4.489	77	33370	13.064	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	45759	20.600	ug/l	97
28) Bromochloromethane	4.904	49	36541	24.085	ug/l	91
29) Tetrahydrofuran	5.019	42	134526	127.482	ug/l	95
30) Chloroform	5.099	83	82225	22.155	ug/l	99
31) Cyclohexane	5.471	56	55465	19.970	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	67501	22.495	ug/l	99
36) 1,1-Dichloropropene	5.696	75	51288	18.259	ug/l	95
37) Ethyl Acetate	4.721	43	77451	23.279	ug/l	96
38) Carbon Tetrachloride	5.678	117	54931	18.540	ug/l	93
39) Methylcyclohexane	7.385	83	52858	15.723	ug/l	95
40) Benzene	6.044	78	161208	19.182	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	43762	23.539	ug/l	95
42) 1,2-Dichloroethane	6.092	62	67969	22.794	ug/l	95
43) Isopropyl Acetate	6.348	43	118165	23.580	ug/l	95
44) Trichloroethene	7.129	130	43873	18.070	ug/l	93
45) 1,2-Dichloropropane	7.434	63	46998	20.215	ug/l	99
46) Dibromomethane	7.586	93	32421	19.631	ug/l	96
47) Bromodichloromethane	7.824	83	63767	20.504	ug/l	96
48) Methyl methacrylate	7.696	41	57577	23.049	ug/l	93
49) 1,4-Dioxane	7.690	88	28183	457.007	ug/l	92
51) 4-Methyl-2-Pentanone	8.580	43	419279	124.044	ug/l	96
52) Toluene	8.720	92	100211	19.104	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	59209	19.704	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	64065	18.933	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	48387	20.757	ug/l	96
56) Ethyl methacrylate	9.122	69	72369	21.648	ug/l	92
57) 1,3-Dichloropropane	9.311	76	78773	20.971	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	194649	108.877	ug/l	97
59) 2-Hexanone	9.433	43	324249	127.866	ug/l	94
60) Dibromochloromethane	9.525	129	48251	19.850	ug/l	99
61) 1,2-Dibromoethane	9.610	107	48450	20.496	ug/l	99
64) Tetrachloroethene	9.275	164	40804	16.934	ug/l	96
65) Chlorobenzene	10.079	112	110199	18.623	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	43485	19.583	ug/l	97
67) Ethyl Benzene	10.195	91	194397	19.015	ug/l	98
68) m/p-Xylenes	10.305	106	146788	37.475	ug/l	93
69) o-Xylene	10.646	106	71590	18.471	ug/l	90
70) Styrene	10.659	104	123858	19.256	ug/l	95
71) Bromoform	10.805	173	34486	18.796	ug/l #	100
73) Isopropylbenzene	10.963	105	193971	19.609	ug/l	98
74) N-amyl acetate	10.848	43	94237	24.458	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	74416	21.993	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	68547m	21.197	ug/l	
77) Bromobenzene	11.201	156	47246	19.386	ug/l	99
78) n-propylbenzene	11.305	91	223248	19.624	ug/l	99
79) 2-Chlorotoluene	11.366	91	139969	20.085	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	166368	20.096	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	17432	17.393	ug/l	86
82) 4-Chlorotoluene	11.457	91	156711	20.062	ug/l	98
83) tert-Butylbenzene	11.719	119	155295	19.490	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	162581	20.278	ug/l	96
85) sec-Butylbenzene	11.890	105	207006	19.937	ug/l	98
86) p-Isopropyltoluene	12.012	119	164952	19.318	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	86906	18.903	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	93361	19.788	ug/l	98
89) n-Butylbenzene	12.335	91	142199	17.990	ug/l	98
90) Hexachloroethane	12.542	117	30229	18.260	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	90546	18.709	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19158	21.997	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	53986	17.840	ug/l	96
94) Hexachlorobutadiene	13.725	225	22267	17.667	ug/l	97
95) Naphthalene	13.780	128	220634	20.943	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	57956	18.114	ug/l	99

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

