

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060722\
 Data File : VX029295.D
 Acq On : 07 Jun 2022 23:57
 Operator : JC/MD
 Sample : VX0607WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/08/2022
 Supervised By : Mahesh Dadoda 06/08/2022

Quant Time: Jun 08 03:18:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	190840	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	319104	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	332725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	203394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	148505	51.161	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	102.320%		
35) Dibromofluoromethane	5.391	113	128523	47.376	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.760%		
50) Toluene-d8	8.653	98	452587	47.171	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.340%		
62) 4-Bromofluorobenzene	11.085	95	181683	48.388	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.780%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	61187	20.197	ug/l	97
3) Chloromethane	1.288	50	62129	19.215	ug/l	99
4) Vinyl Chloride	1.374	62	65536	19.530	ug/l	96
5) Bromomethane	1.611	94	43383	24.138	ug/l	98
6) Chloroethane	1.685	64	36028	22.950	ug/l	99
7) Trichlorofluoromethane	1.886	101	96652	19.765	ug/l	96
8) Diethyl Ether	2.136	74	37396	19.620	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	57019	19.346	ug/l	97
10) Methyl Iodide	2.453	142	59562	17.207	ug/l	96
11) Tert butyl alcohol	2.995	59	89032	87.495	ug/l	96
12) 1,1-Dichloroethene	2.319	96	57801	20.148	ug/l	93
13) Acrolein	2.239	56	35327	100.240	ug/l	98
14) Allyl chloride	2.666	41	88555	19.230	ug/l	95
15) Acrylonitrile	3.068	53	179997	99.135	ug/l	99
16) Acetone	2.392	43	153793	99.618	ug/l	97
17) Carbon Disulfide	2.514	76	136136	19.279	ug/l	99
18) Methyl Acetate	2.709	43	80722	19.736	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	197291	19.922	ug/l	98
20) Methylene Chloride	2.788	84	66458	19.276	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	62234	19.328	ug/l	99
22) Diisopropyl ether	3.763	45	188870	20.318	ug/l #	84
23) Vinyl Acetate	3.727	43	795169	103.183	ug/l	96
24) 1,1-Dichloroethane	3.611	63	111072	19.810	ug/l	99
25) 2-Butanone	4.568	43	249596	102.204	ug/l	96
26) 2,2-Dichloropropane	4.483	77	68551	17.150	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	71883	18.873	ug/l	97
28) Bromochloromethane	4.903	49	43512	19.742	ug/l	100
29) Tetrahydrofuran	5.013	42	161225	101.298	ug/l	93
30) Chloroform	5.099	83	119842	19.808	ug/l	99
31) Cyclohexane	5.477	56	100920	19.507	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	104750	20.095	ug/l	98
36) 1,1-Dichloropropene	5.696	75	87659	19.561	ug/l	99
37) Ethyl Acetate	4.721	43	91681	19.819	ug/l	99
38) Carbon Tetrachloride	5.678	117	87980	19.208	ug/l	95
39) Methylcyclohexane	7.385	83	106296	19.257	ug/l	97
40) Benzene	6.043	78	258236	19.356	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	50220	19.125	ug/l	95
42) 1,2-Dichloroethane	6.092	62	90798	19.593	ug/l	99
43) Isopropyl Acetate	6.348	43	134646	19.375	ug/l	98
44) Trichloroethene	7.129	130	70122	19.306	ug/l	100
45) 1,2-Dichloropropane	7.433	63	64366	19.624	ug/l	98
46) Dibromomethane	7.586	93	45909	19.321	ug/l	93
47) Bromodichloromethane	7.824	83	87572	19.527	ug/l	100
48) Methyl methacrylate	7.696	41	68566	19.617	ug/l	93
49) 1,4-Dioxane	7.696	88	37163	413.334	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	474529	104.334	ug/l	96
52) Toluene	8.720	92	169919	19.841	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	84343	18.158	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	96457	19.158	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	69065	19.937	ug/l	98
56) Ethyl methacrylate	9.116	69	102445	20.327	ug/l	95
57) 1,3-Dichloropropane	9.311	76	114565	19.619	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	238387	97.365	ug/l	98
59) 2-Hexanone	9.433	43	362248	104.756	ug/l	96
60) Dibromochloromethane	9.525	129	64608	19.278	ug/l	96
61) 1,2-Dibromoethane	9.610	107	71233	19.278	ug/l	97
64) Tetrachloroethene	9.275	164	62042	19.661	ug/l	95
65) Chlorobenzene	10.079	112	177072	19.305	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	63233	19.806	ug/l	98
67) Ethyl Benzene	10.195	91	319622	19.828	ug/l	98
68) m/p-Xylenes	10.305	106	249259	39.966	ug/l	97
69) o-Xylene	10.646	106	122829	20.267	ug/l	98
70) Styrene	10.659	104	203288	20.099	ug/l	98
71) Bromoform	10.799	173	42611	18.792	ug/l #	99
73) Isopropylbenzene	10.963	105	322136	20.118	ug/l	98
74) N-amyl acetate	10.848	43	110408	20.368	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	107212	19.839	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	94888m	19.973	ug/l	
77) Bromobenzene	11.201	156	72908	19.392	ug/l	94
78) n-propylbenzene	11.305	91	362891	19.972	ug/l	99
79) 2-Chlorotoluene	11.366	91	228601	20.430	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	273969	20.150	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	23596	16.968	ug/l #	81
82) 4-Chlorotoluene	11.457	91	256213	19.837	ug/l	99
83) tert-Butylbenzene	11.719	119	261912	19.853	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	274065	20.422	ug/l	98
85) sec-Butylbenzene	11.890	105	328882	20.301	ug/l	98
86) p-Isopropyltoluene	12.012	119	269522	19.846	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	140317	19.555	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	141390	19.375	ug/l	97
89) n-Butylbenzene	12.335	91	229269	20.023	ug/l	98
90) Hexachloroethane	12.542	117	40134	18.588	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	140903	19.804	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22085	19.649	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	82056	19.540	ug/l	97
94) Hexachlorobutadiene	13.725	225	33747	19.330	ug/l	92
95) Naphthalene	13.780	128	297772	20.091	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	81916	19.563	ug/l	94

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

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