

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062722\
 Data File : VX029825.D
 Acq On : 27 Jun 2022 18:51
 Operator : JC/MD
 Sample : VX0627WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/28/2022
 Supervised By : Mahesh Dadoda 06/28/2022

Quant Time: Jun 28 10:15:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 15:32:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	255066	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	528325	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	442587	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	200683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	216878	54.883	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.760%			
35) Dibromofluoromethane	5.391	113	171869	50.640	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.280%			
50) Toluene-d8	8.653	98	651162	48.993	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.980%			
62) 4-Bromofluorobenzene	11.085	95	244147	50.230	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.460%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	62615	19.631	ug/l	100
3) Chloromethane	1.288	50	67232	18.933	ug/l	100
4) Vinyl Chloride	1.374	62	71398	19.075	ug/l	100
5) Bromomethane	1.611	94	19181	22.078	ug/l	99
6) Chloroethane	1.685	64	41004	19.974	ug/l	95
7) Trichlorofluoromethane	1.886	101	82613	19.393	ug/l	100
8) Diethyl Ether	2.136	74	39736	19.657	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.325	101	58596	19.386	ug/l	92
10) Methyl Iodide	2.453	142	66914	19.297	ug/l	94
11) Tert butyl alcohol	2.983	59	113853	108.223	ug/l	96
12) 1,1-Dichloroethene	2.319	96	61340	19.727	ug/l	93
13) Acrolein	2.239	56	68826	99.541	ug/l	97
14) Allyl chloride	2.666	41	109555	19.300	ug/l	93
15) Acrylonitrile	3.069	53	239203	102.843	ug/l	97
16) Acetone	2.386	43	187259	99.400	ug/l	98
17) Carbon Disulfide	2.514	76	151622	18.949	ug/l	100
18) Methyl Acetate	2.709	43	114290	20.233	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	214580	19.951	ug/l	96
20) Methylene Chloride	2.788	84	74277	19.058	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	63865	19.186	ug/l	90
22) Diisopropyl ether	3.764	45	228626	19.695	ug/l #	87
23) Vinyl Acetate	3.721	43	1029900	104.314	ug/l #	90
24) 1,1-Dichloroethane	3.611	63	123087	19.502	ug/l	97
25) 2-Butanone	4.562	43	326227	101.973	ug/l	95
26) 2,2-Dichloropropane	4.483	77	80606	18.231	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	78773	19.372	ug/l	97
28) Bromochloromethane	4.904	49	46975	18.798	ug/l	89
29) Tetrahydrofuran	5.013	42	216638	101.573	ug/l	92
30) Chloroform	5.099	83	119676	19.495	ug/l	97
31) Cyclohexane	5.477	56	111767	18.987	ug/l	86
32) 1,1,1-Trichloroethane	5.391	97	89652	18.827	ug/l	96
36) 1,1-Dichloropropene	5.696	75	90536	18.212	ug/l	98
37) Ethyl Acetate	4.721	43	122783	20.044	ug/l	99
38) Carbon Tetrachloride	5.684	117	72231	17.911	ug/l	99
39) Methylcyclohexane	7.385	83	110394	18.279	ug/l	99
40) Benzene	6.044	78	288536	18.490	ug/l	94

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41) Methacrylonitrile	4.922	41	67501	19.228	ug/l	93
42) 1,2-Dichloroethane	6.098	62	96856	19.229	ug/l	97
43) Isopropyl Acetate	6.342	43	181395	19.355	ug/l	97
44) Trichloroethene	7.129	130	67383	17.600	ug/l	93
45) 1,2-Dichloropropane	7.434	63	75215	18.245	ug/l	93
46) Dibromomethane	7.586	93	49331	18.713	ug/l #	85
47) Bromodichloromethane	7.830	83	90106	19.131	ug/l	90
48) Methyl methacrylate	7.696	41	87897	18.854	ug/l	89
49) 1,4-Dioxane	7.684	88	43395	388.078	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	614426	99.455	ug/l	95
52) Toluene	8.720	92	174126	18.799	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	95861	18.798	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	108514	18.201	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	73463	18.830	ug/l	98
56) Ethyl methacrylate	9.122	69	125262	19.737	ug/l	93
57) 1,3-Dichloropropane	9.311	76	127552	19.379	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	278302	91.676	ug/l	92
59) 2-Hexanone	9.433	43	471013	98.189	ug/l	91
60) Dibromochloromethane	9.525	129	60903	18.366	ug/l	99
61) 1,2-Dibromoethane	9.610	107	75362	19.417	ug/l	100
64) Tetrachloroethene	9.275	164	47321	18.531	ug/l #	91
65) Chlorobenzene	10.079	112	175643	18.889	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	56937	18.982	ug/l	95
67) Ethyl Benzene	10.195	91	318427	18.882	ug/l	99
68) m/p-Xylenes	10.305	106	244124	38.487	ug/l	97
69) o-Xylene	10.646	106	119532	19.064	ug/l	98
70) Styrene	10.659	104	194988	18.905	ug/l	98
71) Bromoform	10.805	173	38608	19.256	ug/l #	98
73) Isopropylbenzene	10.963	105	303960	18.251	ug/l	98
74) N-amyl acetate	10.848	43	153928	19.261	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	126191	19.389	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	113646m	19.976	ug/l	
77) Bromobenzene	11.201	156	65176	17.821	ug/l	78
78) n-propylbenzene	11.305	91	372826	18.498	ug/l	97
79) 2-Chlorotoluene	11.366	91	220463	18.159	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	259678	18.671	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	32711	17.488	ug/l	88
82) 4-Chlorotoluene	11.457	91	254899	18.431	ug/l	97
83) tert-Butylbenzene	11.719	119	257174	19.062	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	273002	19.463	ug/l	98
85) sec-Butylbenzene	11.890	105	324938	18.519	ug/l	97
86) p-Isopropyltoluene	12.012	119	275943	19.881	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	129794	18.475	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	129968	18.265	ug/l	94
89) n-Butylbenzene	12.335	91	256567	19.733	ug/l	96
90) Hexachloroethane	12.542	117	41424	19.741	ug/l	75
91) 1,2-Dichlorobenzene	12.335	146	132948	19.033	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	29932	20.191	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	74403	18.394	ug/l	97
94) Hexachlorobutadiene	13.725	225	26170	18.019	ug/l	93
95) Naphthalene	13.780	128	341001	19.910	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	77806	19.038	ug/l	92

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

