

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029790.D
 Acq On : 25 Jun 2022 01:34
 Operator : JC/MD
 Sample : VX0624WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBS02

Quant Time: Jun 25 05:30:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/25/2022
 Supervised By : Semsettin Yesilyurt 06/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	219929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	382565	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	342217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	135726	46.621	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.240%		
35) Dibromofluoromethane	5.391	113	124258	49.840	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.680%		
50) Toluene-d8	8.653	98	454654	49.919	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.840%		
62) 4-Bromofluorobenzene	11.079	95	171873	50.040	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	54191	20.347	ug/l	99
3) Chloromethane	1.288	50	48108	16.767	ug/l	100
4) Vinyl Chloride	1.374	62	48080	18.200	ug/l	97
5) Bromomethane	1.612	94	25395	18.842	ug/l	100
6) Chloroethane	1.685	64	27898	15.374	ug/l	100
7) Trichlorofluoromethane	1.886	101	72636	19.736	ug/l	99
8) Diethyl Ether	2.136	74	27065	18.666	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	46906	20.325	ug/l	99
10) Methyl Iodide	2.453	142	41645	17.892	ug/l	99
11) Tert butyl alcohol	2.989	59	70590	105.934	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	47368	21.260	ug/l	92
13) Acrolein	2.240	56	9196	57.342	ug/l	99
14) Allyl chloride	2.666	41	67361	18.725	ug/l	94
15) Acrylonitrile	3.069	53	141802	104.136	ug/l	100
16) Acetone	2.392	43	109673	94.513	ug/l	96
17) Carbon Disulfide	2.514	76	108045	18.705	ug/l	99
18) Methyl Acetate	2.709	43	65428	21.326	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	158190	20.450	ug/l	99
20) Methylene Chloride	2.794	84	53977	20.885	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	50747	20.838	ug/l	95
22) Diisopropyl ether	3.764	45	143129	20.112	ug/l #	88
23) Vinyl Acetate	3.727	43	587580	98.901	ug/l	99
24) 1,1-Dichloroethane	3.611	63	87514	20.448	ug/l	99
25) 2-Butanone	4.568	43	183489	100.038	ug/l	99
26) 2,2-Dichloropropane	4.483	77	45024	13.516	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	60006	21.091	ug/l	90
28) Bromochloromethane	4.904	49	32159	19.667	ug/l	96
29) Tetrahydrofuran	5.013	42	125724	102.851	ug/l	97
30) Chloroform	5.099	83	94674	20.903	ug/l	97
31) Cyclohexane	5.477	56	78719	20.141	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	81904	20.502	ug/l	97
36) 1,1-Dichloropropene	5.696	75	69089	20.475	ug/l	98
37) Ethyl Acetate	4.721	43	72202	20.875	ug/l	98
38) Carbon Tetrachloride	5.684	117	68368	20.604	ug/l	96
39) Methylcyclohexane	7.385	83	84646	20.120	ug/l	96
40) Benzene	6.044	78	211718	21.167	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	39406	21.625	ug/l	97
42) 1,2-Dichloroethane	6.092	62	68493	19.920	ug/l	96
43) Isopropyl Acetate	6.342	43	108717	20.214	ug/l	99
44) Trichloroethene	7.129	130	58839	20.084	ug/l	93
45) 1,2-Dichloropropane	7.434	63	51855	21.139	ug/l	98
46) Dibromomethane	7.586	93	38246	21.692	ug/l	95
47) Bromodichloromethane	7.824	83	69433	20.436	ug/l	98
48) Methyl methacrylate	7.696	41	52477	19.900	ug/l	96
49) 1,4-Dioxane	7.690	88	27682	407.150	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	358942	103.543	ug/l	100
52) Toluene	8.720	92	137561	21.478	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	66030	19.233	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	75811	19.720	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	56571	21.845	ug/l	99
56) Ethyl methacrylate	9.122	69	83990	21.469	ug/l	98
57) 1,3-Dichloropropane	9.311	76	92168	21.370	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	168927	91.899	ug/l	95
59) 2-Hexanone	9.433	43	280304	106.780	ug/l	97
60) Dibromochloromethane	9.525	129	53272	21.188	ug/l	98
61) 1,2-Dibromoethane	9.610	107	58941	21.953	ug/l	99
64) Tetrachloroethene	9.275	164	53484	21.611	ug/l	96
65) Chlorobenzene	10.080	112	145280	21.640	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	50886	21.105	ug/l	99
67) Ethyl Benzene	10.195	91	259832	21.510	ug/l	99
68) m/p-Xylenes	10.305	106	202803	43.051	ug/l	100
69) o-Xylene	10.647	106	100346	21.561	ug/l	100
70) Styrene	10.659	104	166912	21.903	ug/l	99
71) Bromoform	10.805	173	36211	21.182	ug/l #	99
73) Isopropylbenzene	10.964	105	263269	20.887	ug/l	98
74) N-amyl acetate	10.842	43	86218	19.695	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	86670	21.268	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	76117m	20.784	ug/l	
77) Bromobenzene	11.201	156	61294	21.307	ug/l	97
78) n-propylbenzene	11.305	91	290540	20.466	ug/l	100
79) 2-Chlorotoluene	11.366	91	179131	20.378	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	219913	20.717	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	18471	16.779	ug/l	89
82) 4-Chlorotoluene	11.457	91	201549	20.106	ug/l	99
83) tert-Butylbenzene	11.713	119	216730	20.940	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	218514	20.640	ug/l	100
85) sec-Butylbenzene	11.890	105	266781	20.798	ug/l	99
86) p-Isopropyltoluene	12.012	119	220914	20.568	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	114449	20.885	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	116092	21.218	ug/l	97
89) n-Butylbenzene	12.335	91	176431	19.463	ug/l	99
90) Hexachloroethane	12.543	117	31998	20.806	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	116064	21.547	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17764	19.673	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	67980	20.695	ug/l	98
94) Hexachlorobutadiene	13.725	225	25564	19.008	ug/l	99
95) Naphthalene	13.774	128	261440	22.171	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	70946	21.565	ug/l	96

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

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