

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060722\
 Data File : VX029278.D
 Acq On : 07 Jun 2022 15:08
 Operator : JC/MD
 Sample : VX0607WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBS01

Quant Time: Jun 08 01:23:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	253184	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	426685	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	397886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	191365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	170200	59.615	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 119.220%			
35) Dibromofluoromethane	5.385	113	146379	51.648	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.300%			
50) Toluene-d8	8.647	98	530396	51.169	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.340%			
62) 4-Bromofluorobenzene	11.079	95	207548	51.798	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.600%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	48949	22.235	ug/l	99
3) Chloromethane	1.288	50	50415	21.887	ug/l	99
4) Vinyl Chloride	1.374	62	55523	21.919	ug/l	98
5) Bromomethane	1.611	94	33135	26.500	ug/l	99
6) Chloroethane	1.685	64	34425	17.353	ug/l	98
7) Trichlorofluoromethane	1.886	101	84633	21.497	ug/l	97
8) Diethyl Ether	2.130	74	33207	22.009	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	52418	22.450	ug/l	98
10) Methyl Iodide	2.453	142	53042	21.192	ug/l	95
11) Tert butyl alcohol	2.983	59	80840	122.230	ug/l	95
12) 1,1-Dichloroethene	2.319	96	48439	21.227	ug/l	99
13) Acrolein	2.239	56	23636	78.875	ug/l	96
14) Allyl chloride	2.666	41	79130	23.089	ug/l	94
15) Acrylonitrile	3.069	53	163325	119.935	ug/l	98
16) Acetone	2.386	43	136475	121.394	ug/l	96
17) Carbon Disulfide	2.514	76	107686	17.206	ug/l	100
18) Methyl Acetate	2.703	43	74519	25.629	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	179692	23.209	ug/l	100
20) Methylene Chloride	2.788	84	58895	22.469	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	54289	21.088	ug/l	96
22) Diisopropyl ether	3.757	45	172943	25.230	ug/l #	84
23) Vinyl Acetate	3.721	43	723433	126.370	ug/l	98
24) 1,1-Dichloroethane	3.611	63	98551	23.238	ug/l	99
25) 2-Butanone	4.562	43	222400	122.635	ug/l	97
26) 2,2-Dichloropropane	4.477	77	74956	21.543	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	65204	21.238	ug/l	96
28) Bromochloromethane	4.891	49	38942	22.821	ug/l	97
29) Tetrahydrofuran	5.007	42	147122	126.506	ug/l	93
30) Chloroform	5.093	83	107444	22.853	ug/l	100
31) Cyclohexane	5.471	56	86858	23.401	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	90847	21.339	ug/l	100
36) 1,1-Dichloropropene	5.690	75	73909	20.267	ug/l	98
37) Ethyl Acetate	4.715	43	84337	23.863	ug/l	98
38) Carbon Tetrachloride	5.678	117	80911	19.415	ug/l	98
39) Methylcyclohexane	7.379	83	97102	21.540	ug/l	97
40) Benzene	6.038	78	230612	21.351	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	46413	24.314	ug/l	94
42) 1,2-Dichloroethane	6.086	62	82956	22.648	ug/l	99
43) Isopropyl Acetate	6.336	43	124223	22.467	ug/l	97
44) Trichloroethene	7.123	130	64251	19.640	ug/l	94
45) 1,2-Dichloropropane	7.428	63	70973	27.267	ug/l	91
46) Dibromomethane	7.580	93	42238	20.831	ug/l	94
47) Bromodichloromethane	7.824	83	79719	19.943	ug/l	99
48) Methyl methacrylate	7.696	41	62014	23.058	ug/l	93
49) 1,4-Dioxane	7.684	88	32866	399.351	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	431771	117.410	ug/l	97
52) Toluene	8.720	92	152096	21.081	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	83050	20.216	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	90708	20.180	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	62950	20.969	ug/l	96
56) Ethyl methacrylate	9.116	69	95389	22.385	ug/l	93
57) 1,3-Dichloropropane	9.311	76	104599	21.859	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	226029	111.931	ug/l	98
59) 2-Hexanone	9.433	43	333647	116.580	ug/l	95
60) Dibromochloromethane	9.519	129	62865	18.399	ug/l	93
61) 1,2-Dibromoethane	9.610	107	66139	20.369	ug/l	98
64) Tetrachloroethene	9.275	164	55367	18.481	ug/l	96
65) Chlorobenzene	10.079	112	163084	19.952	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	60866	19.317	ug/l	98
67) Ethyl Benzene	10.195	91	293938	21.402	ug/l	99
68) m/p-Xylenes	10.305	106	225771	40.933	ug/l	98
69) o-Xylene	10.640	106	112780	20.689	ug/l	90
70) Styrene	10.659	104	187378	20.655	ug/l	98
71) Bromoform	10.805	173	43079	15.837	ug/l #	99
73) Isopropylbenzene	10.963	105	291303	22.652	ug/l	99
74) N-amyl acetate	10.842	43	100433	24.119	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	101458	23.403	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	91539m	23.597	ug/l	
77) Bromobenzene	11.201	156	68022	19.832	ug/l	73
78) n-propylbenzene	11.305	91	337938	23.627	ug/l	99
79) 2-Chlorotoluene	11.366	91	210383	23.271	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	249391	22.653	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25300	19.134	ug/l #	83
82) 4-Chlorotoluene	11.457	91	236445	22.847	ug/l	100
83) tert-Butylbenzene	11.713	119	246301	21.889	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	249516	22.705	ug/l	98
85) sec-Butylbenzene	11.890	105	303960	23.009	ug/l	99
86) p-Isopropyltoluene	12.012	119	258949	22.420	ug/l #	1
87) 1,3-Dichlorobenzene	11.969	146	264830	40.967	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	132637	19.911	ug/l	97
89) n-Butylbenzene	12.335	91	213860	22.818	ug/l	99
90) Hexachloroethane	12.542	117	39401	18.763	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	128601	20.195	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21336	22.042	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	79129	19.927	ug/l	97
94) Hexachlorobutadiene	13.725	225	32007	18.923	ug/l	92
95) Naphthalene	13.774	128	292086	23.002	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	79777	20.344	ug/l	94

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

