

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022431.D
 Acq On : 04 Jun 2021 22:54
 Operator : JC/MD
 Sample : VX0604WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBS02

Manual Integrations
 APPROVED

Quant Time: Jun 05 03:25:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	79094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	163147	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58098	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	64584	52.934	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.860%	
35) Dibromofluoromethane	5.397	113	48859	47.225	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.440%	
50) Toluene-d8	8.653	98	181523	45.547	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 91.100%#	
62) 4-Bromofluorobenzene	11.085	95	66978	45.468	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.940%	

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6/7/2021 6:51:04 PM

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	18571	19.313	ug/l	97
3) Chloromethane	1.294	50	22021	21.231	ug/l	96
4) Vinyl Chloride	1.374	62	22409	20.418	ug/l	96
5) Bromomethane	1.599	94	12765	19.950	ug/l	98
6) Chloroethane	1.685	64	13737	21.021	ug/l	98
7) Trichlorofluoromethane	1.886	101	32088	20.334	ug/l	98
8) Diethyl Ether	2.136	74	13160	19.391	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	18281	19.509	ug/l	90
10) Methyl Iodide	2.453	142	20358	20.216	ug/l	96
11) Tert butyl alcohol	2.977	59	32065	114.905	ug/l	99
12) 1,1-Dichloroethene	2.319	96	19479	21.488	ug/l	98
13) Acrolein	2.246	56	15754	85.120	ug/l	97
14) Allyl chloride	2.666	41	35805	21.505	ug/l	94
15) Acrylonitrile	3.075	53	66063	120.250	ug/l	98
16) Acetone	2.386	43	59594	112.175	ug/l	96
17) Carbon Disulfide	2.514	76	46234	19.473	ug/l	100
18) Methyl Acetate	2.709	43	32952	23.323	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	66981	21.570	ug/l	99
20) Methylene Chloride	2.794	84	24275	20.580	ug/l #	92
21) trans-1,2-Dichloroethene	3.093	96	21837	22.147	ug/l	96
22) Diisopropyl ether	3.770	45	71634	22.338	ug/l	90
23) Vinyl Acetate	3.733	43	345611	111.936	ug/l	95
24) 1,1-Dichloroethane	3.611	63	41098	21.839	ug/l	97
25) 2-Butanone	4.568	43	101410	117.991	ug/l	99
26) 2,2-Dichloropropane	4.489	77	25686	15.376	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	25126	20.954	ug/l	97
28) Bromochloromethane	4.910	49	16488	18.060	ug/l #	81
29) Tetrahydrofuran	5.019	42	59507	116.327	ug/l	91
30) Chloroform	5.105	83	40881	21.025	ug/l	98
31) Cyclohexane	5.477	56	33872	22.092	ug/l	95
32) 1,1,1-Trichloroethane	5.397	97	33778	20.330	ug/l	97
36) 1,1-Dichloropropene	5.702	75	30769	20.396	ug/l	96
37) Ethyl Acetate	4.727	43	39678	21.455	ug/l #	86
38) Carbon Tetrachloride	5.690	117	26570	18.004	ug/l	98
39) Methylcyclohexane	7.385	83	32685	19.103	ug/l	98
40) Benzene	6.044	78	93871	20.223	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	20755	20.979	ug/l	92
42) 1,2-Dichloroethane	6.092	62	33885	20.837	ug/l	98
43) Isopropyl Acetate	6.348	43	64493	21.321	ug/l #	92
44) Trichloroethene	7.129	130	22545	19.546	ug/l	99
45) 1,2-Dichloropropane	7.434	63	24479	20.673	ug/l	98
46) Dibromomethane	7.592	93	15987	19.901	ug/l #	87
47) Bromodichloromethane	7.830	83	28695	17.851	ug/l	99
48) Methyl methacrylate	7.696	41	29102	20.876	ug/l	89
49) 1,4-Dioxane	7.665	88	12196	449.346	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	199860	110.301	ug/l	91
52) Toluene	8.720	92	58337	19.845	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	32193	17.349	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	35687	17.889	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	24153	20.240	ug/l	95
56) Ethyl methacrylate	9.122	69	38680	20.055	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	40867	20.058	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	91580	87.796	ug/l	94
59) 2-Hexanone	9.433	43	149597	109.774	ug/l	90
60) Dibromochloromethane	9.525	129	19691	16.961	ug/l	98
61) 1,2-Dibromoethane	9.616	107	23212	19.536	ug/l	100
64) Tetrachloroethene	9.281	164	18385	19.463	ug/l	91
65) Chlorobenzene	10.086	112	58558	19.551	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	19889	19.110	ug/l	97
67) Ethyl Benzene	10.195	91	108205	19.638	ug/l	98
68) m/p-Xylenes	10.305	106	80106	38.469	ug/l	98
69) o-Xylene	10.646	106	40237	19.867	ug/l	97
70) Styrene	10.659	104	64411	19.414	ug/l	98
71) Bromoform	10.805	173	10968	14.775	ug/l #	99
73) Isopropylbenzene	10.963	105	103073	20.961	ug/l	98
74) N-amyl acetate	10.848	43	52709	22.583	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	36245	22.239	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	31576m	22.030	ug/l	
77) Bromobenzene	11.201	156	21697	20.810	ug/l	86
78) n-propylbenzene	11.305	91	116826	20.284	ug/l	99
79) 2-Chlorotoluene	11.366	91	72554	20.769	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	82947	20.353	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	9256	15.301	ug/l	85
82) 4-Chlorotoluene	11.457	91	80058	19.892	ug/l	98
83) tert-Butylbenzene	11.719	119	79645	20.377	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	85971	20.957	ug/l	98
85) sec-Butylbenzene	11.896	105	100716	20.277	ug/l	97
86) p-Isopropyltoluene	12.012	119	82075	19.565	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	39487	19.643	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	40268	19.380	ug/l	96
89) n-Butylbenzene	12.335	91	74700	19.250	ug/l	98
90) Hexachloroethane	12.542	117	11840	17.077	ug/l	71
91) 1,2-Dichlorobenzene	12.341	146	39438	20.425	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6462	18.528	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	22667	19.455	ug/l	96
94) Hexachlorobutadiene	13.725	225	7524	16.545	ug/l	100
95) Naphthalene	13.780	128	96690	21.280	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	23157	19.717	ug/l	97

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

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