

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011921\
 Data File : VX020661.D
 Acq On : 19 Jan 2021 16:07
 Operator : JC/SP
 Sample : VX0119WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0119WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/20/2021 5:42:28 PM

Quant Time: Jan 20 03:20:29 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 14:09:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	212647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	336362	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	313216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	156804	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	139654	48.03	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.06%
35) Dibromofluoromethane	5.458	113	112912	48.72	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.44%
50) Toluene-d8	8.696	98	408852	48.93	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.86%
62) 4-Bromofluorobenzene	11.116	95	153156	48.49	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.98%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	59690	18.91	ug/l	99
3) Chloromethane	1.307	50	53717	18.36	ug/l	99
4) Vinyl Chloride	1.392	62	55347	18.40	ug/l	99
5) Bromomethane	1.630	94	28228	20.18	ug/l	99
6) Chloroethane	1.709	64	33479	17.03	ug/l	99
7) Trichlorofluoromethane	1.916	101	79022	18.18	ug/l	99
8) Diethyl Ether	2.166	74	27914	18.22	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.368	101	42223	17.97	ug/l	98
10) Methyl Iodide	2.490	142	57113	18.15	ug/l	97
11) Tert butyl alcohol	3.020	59	45865	88.96	ug/l	98
12) 1,1-Dichloroethene	2.355	96	41311	18.14	ug/l	98
13) Acrolein	2.270	56	29897	113.82	ug/l	98
14) Allyl chloride	2.703	41	61432	17.89	ug/l	99
15) Acrylonitrile	3.111	53	122224	95.63	ug/l	98
16) Acetone	2.416	43	99528	88.15	ug/l	98
17) Carbon Disulfide	2.550	76	115761	17.78	ug/l	99
18) Methyl Acetate	2.746	43	48366	18.86	ug/l	99
19) Methyl tert-butyl Ether	3.160	73	142795	19.06	ug/l	99
20) Methylene Chloride	2.831	84	48689	17.76	ug/l	98
21) trans-1,2-Dichloroethene	3.142	96	46497	18.34	ug/l	99
22) Diisopropyl ether	3.819	45	130639	19.05	ug/l	98
23) Vinyl Acetate	3.776	43	565486	96.66	ug/l	100
24) 1,1-Dichloroethane	3.666	63	81820	18.34	ug/l	100
25) 2-Butanone	4.629	43	155173	94.03	ug/l	99
26) 2,2-Dichloropropane	4.544	77	67209	17.71	ug/l	98
27) cis-1,2-Dichloroethene	4.562	96	51174	17.85	ug/l	99
28) Bromochloromethane	4.977	49	31640	16.98	ug/l	97
29) Tetrahydrofuran	5.087	42	99067	96.69	ug/l	99
30) Chloroform	5.172	83	86223	18.15	ug/l	96
31) Cyclohexane	5.544	56	68211	17.93	ug/l	96
32) 1,1,1-Trichloroethane	5.458	97	75086	17.97	ug/l	99
36) 1,1-Dichloropropene	5.763	75	63785	18.82	ug/l	98
37) Ethyl Acetate	4.788	43	60601	19.40	ug/l	99
38) Carbon Tetrachloride	5.751	117	67136	18.56	ug/l	97
39) Methylcyclohexane	7.440	83	70836	18.36	ug/l	97
40) Benzene	6.111	78	186470	18.77	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	33234	19.73	ug/l	99
42) 1,2-Dichloroethane	6.160	62	70945	19.03	ug/l	98
43) Isopropyl Acetate	6.403	43	93440	19.37	ug/l	99
44) Trichloroethene	7.184	130	49486	18.30	ug/l	99
45) 1,2-Dichloropropane	7.483	63	47920	19.19	ug/l	98
46) Dibromomethane	7.635	93	34500	19.08	ug/l	97
47) Bromodichloromethane	7.873	83	68678	18.91	ug/l	98
48) Methyl methacrylate	7.739	41	46066	19.28	ug/l	98
49) 1,4-Dioxane	7.720	88	21735	398.94	ug/l	99
51) 4-Methyl-2-Pentanone	8.616	43	303120	100.46	ug/l	99
52) Toluene	8.763	92	116949	19.15	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	71106	19.15	ug/l	100
54) cis-1,3-Dichloropropene	8.409	75	77736	18.99	ug/l	96
55) 1,1,2-Trichloroethane	9.196	97	48322	18.71	ug/l	98
56) Ethyl methacrylate	9.159	69	65917	18.74	ug/l	99
57) 1,3-Dichloropropane	9.348	76	83374	19.56	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	166841	90.36	ug/l	99
59) 2-Hexanone	9.470	43	229230	101.42	ug/l	97
60) Dibromochloromethane	9.561	129	52827	18.97	ug/l	99
61) 1,2-Dibromoethane	9.653	107	51838	19.50	ug/l	99
64) Tetrachloroethene	9.318	164	46371	18.59	ug/l	97
65) Chlorobenzene	10.116	112	125382	18.52	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.202	131	47711	18.72	ug/l	100
67) Ethyl Benzene	10.232	91	216130	18.81	ug/l	98
68) m/p-Xylenes	10.342	106	165308	38.70	ug/l	99
69) o-Xylene	10.683	106	76933	18.76	ug/l	98
70) Styrene	10.695	104	131454	18.38	ug/l	99
71) Bromoform	10.842	173	37394	18.84	ug/l #	98
73) Isopropylbenzene	11.000	105	211072	18.95	ug/l	100
74) N-amyl acetate	10.878	43	74926	18.39	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.250	83	74248	18.69	ug/l	99
76) 1,2,3-Trichloropropane	11.275	75	72307m	19.22	ug/l	
77) Bromobenzene	11.238	156	52849	18.55	ug/l	98
78) n-propylbenzene	11.342	91	243410	19.09	ug/l	99
79) 2-Chlorotoluene	11.403	91	148294	18.89	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	181676	19.51	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.055	75	23062	17.73	ug/l	97
82) 4-Chlorotoluene	11.494	91	174472	18.81	ug/l	99
83) tert-Butylbenzene	11.756	119	167882	18.56	ug/l	96
84) 1,2,4-Trimethylbenzene	11.787	105	180648	18.07	ug/l	99
85) sec-Butylbenzene	11.927	105	197033	18.81	ug/l	99
86) p-Isopropyltoluene	12.049	119	181611	17.80	ug/l	98
87) 1,3-Dichlorobenzene	12.006	146	96399	18.40	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	98029	18.48	ug/l	97
89) n-Butylbenzene	12.372	91	155492	17.52	ug/l	99
90) Hexachloroethane	12.579	117	31334	17.85	ug/l	96
91) 1,2-Dichlorobenzene	12.372	146	94679	18.53	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.982	75	16580	18.71	ug/l	90
93) 1,2,4-Trichlorobenzene	13.628	180	58568	17.83	ug/l	99
94) Hexachlorobutadiene	13.762	225	26476	17.04	ug/l	95
95) Naphthalene	13.817	128	183093	17.04	ug/l	99
96) 1,2,3-Trichlorobenzene	14.000	180	59389	18.37	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1/20/2021 5:42:28 PM

Abundance

TIC: VX020661.D\data.ms

Time-->

1,1,1,2-Tetrachloroethane, T
Dichlorodifluoromethane, T
Chloroethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acrolein, T
Methyl Acetate, T
Methyl Chloride, T
Methyl Acetate, T
Tert butyl alcohol, T
Vinyl Acetate, T
1,1-Dichloroethane, P
Diisopropyl ether, T
2-Butanol, T
Ethyl Acetate, T
Chloroform, T
Cyclohexane, T
Carbon tetrachloride, T
Dibromodichloromethane, S
Pentachlorobenzene, I
1,2-Dichloroethane, T
1,2-Dichloroethane, d4, S
Isopropyl Acetate, T
1,4-Difluorobenzene, I
Trichloroethene, TM
1,2-Dichloroethane, T
1,2-Dichloroethane, T
1,4-Dioxane, T
Methyl Methacrylate, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
2-Chloroethyl Vinyl ether, T
4-Methyl-2-Pentanol, T
Toluene, CM
1,3-Dichloropropene, T
Ethyl methylacetoacetate, T
1,3-Dichloropropene, T
1,2-Dichloroethane, T
1,1,1,2-Tetrachloroethane, P
1,1,1,2-Tetrachloroethane, T
Ethyl Benzene, C
Styrene, T
o-Xylene, T
N-amyl acetate, T
trans-1,4-Dichloro-2-butene, I
4-Bromofluorobenzene, S
1,2,3-Trichlorobenzene, T
2-Chlorotoluene, P
1,2,4-Trichlorobenzene, T
1,3-Dichlorobenzene, T
1,3-Dichlorobenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
1,2,4-Trichlorobenzene, T
Hexachlorobutadiene, T
Naphthalene, T
1,2,3-Trichlorobenzene, T