

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012221\
 Data File : VX020709.D
 Acq On : 22 Jan 2021 14:36
 Operator : JC/SP
 Sample : VX0122WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0122WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/25/2021 2:04:59 PM

Quant Time: Jan 23 01:41:18 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	244839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	388677	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	369406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	191158	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	162561	48.56	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.12%		
35) Dibromofluoromethane	5.458	113	134231	50.13	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.26%		
50) Toluene-d8	8.696	98	495861	51.35	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.70%		
62) 4-Bromofluorobenzene	11.122	95	195646	53.61	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	107.22%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	54342	15.11	ug/l	99
3) Chloromethane	1.313	50	59655	17.71	ug/l	99
4) Vinyl Chloride	1.392	62	60150	17.37	ug/l	99
5) Bromomethane	1.624	94	31488	19.55	ug/l	98
6) Chloroethane	1.709	64	35087	15.26	ug/l	97
7) Trichlorofluoromethane	1.910	101	79610	15.91	ug/l	97
8) Diethyl Ether	2.166	74	30849	17.49	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.361	101	50061	18.51	ug/l	99
10) Methyl Iodide	2.489	142	64437	17.79	ug/l	96
11) Tert butyl alcohol	3.014	59	61251	103.18	ug/l	99
12) 1,1-Dichloroethene	2.349	96	47665	18.18	ug/l	93
13) Acrolein	2.270	56	27111	96.08	ug/l	100
14) Allyl chloride	2.703	41	79519	20.11	ug/l	96
15) Acrylonitrile	3.111	53	149681	101.71	ug/l	98
16) Acetone	2.416	43	163800	126.00	ug/l	97
17) Carbon Disulfide	2.550	76	137859	18.39	ug/l	100
18) Methyl Acetate	2.745	43	59387	20.11	ug/l	98
19) Methyl tert-butyl Ether	3.166	73	172945	20.04	ug/l	99
20) Methylene Chloride	2.831	84	64670	20.49	ug/l	97
21) trans-1,2-Dichloroethene	3.142	96	54843	18.79	ug/l	97
22) Diisopropyl ether	3.818	45	169131	21.42	ug/l	93
23) Vinyl Acetate	3.782	43	715680	106.25	ug/l	98
24) 1,1-Dichloroethane	3.666	63	100545	19.58	ug/l	99
25) 2-Butanone	4.629	43	215471	113.40	ug/l	97
26) 2,2-Dichloropropane	4.544	77	82037	18.78	ug/l	98
27) cis-1,2-Dichloroethene	4.556	96	61027	18.49	ug/l	97
28) Bromochloromethane	4.977	49	40997	19.11	ug/l	95
29) Tetrahydrofuran	5.086	42	122391	103.75	ug/l	96
30) Chloroform	5.172	83	103025	18.84	ug/l	99
31) Cyclohexane	5.544	56	84397	19.27	ug/l	99
32) 1,1,1-Trichloroethane	5.458	97	87245	18.14	ug/l	99
36) 1,1-Dichloropropene	5.763	75	74857	19.11	ug/l	98
37) Ethyl Acetate	4.794	43	75379	20.88	ug/l	98
38) Carbon Tetrachloride	5.751	117	76663	18.34	ug/l	99
39) Methylcyclohexane	7.434	83	85667	19.21	ug/l	96
40) Benzene	6.111	78	225370	19.63	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	41444	21.30	ug/l	97
42) 1,2-Dichloroethane	6.153	62	81677	18.96	ug/l	98
43) Isopropyl Acetate	6.409	43	110406	19.81	ug/l	99
44) Trichloroethene	7.184	130	58014	18.57	ug/l	95
45) 1,2-Dichloropropane	7.482	63	57517	19.94	ug/l	96
46) Dibromomethane	7.635	93	39519	18.91	ug/l	99
47) Bromodichloromethane	7.873	83	79611	18.97	ug/l	98
48) Methyl methacrylate	7.745	41	55504	20.10	ug/l	97
49) 1,4-Dioxane	7.708	88	28664	455.31	ug/l	99
51) 4-Methyl-2-Pentanone	8.616	43	351699	100.87	ug/l	100
52) Toluene	8.763	92	141200	20.01	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	86320	20.12	ug/l	100
54) cis-1,3-Dichloropropene	8.415	75	93614	19.79	ug/l	93
55) 1,1,2-Trichloroethane	9.195	97	58779	19.70	ug/l	96
56) Ethyl methacrylate	9.159	69	79893	19.56	ug/l	98
57) 1,3-Dichloropropane	9.348	76	101782	20.66	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	202046	94.70	ug/l	100
59) 2-Hexanone	9.470	43	282668	108.23	ug/l	98
60) Dibromochloromethane	9.561	129	62538	19.44	ug/l	98
61) 1,2-Dibromoethane	9.653	107	61506	20.03	ug/l	100
64) Tetrachloroethene	9.317	164	55775	18.96	ug/l	95
65) Chlorobenzene	10.116	112	153124	19.18	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	56921	18.94	ug/l	98
67) Ethyl Benzene	10.232	91	264272	19.50	ug/l	99
68) m/p-Xylenes	10.342	106	205217	40.74	ug/l	100
69) o-Xylene	10.683	106	96769	20.01	ug/l	99
70) Styrene	10.695	104	166005	19.58	ug/l	99
71) Bromoform	10.835	173	45387	19.39	ug/l	98
73) Isopropylbenzene	11.000	105	263191	19.39	ug/l	99
74) N-amyl acetate	10.878	43	94585	18.97	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.250	83	88218	18.22	ug/l	98
76) 1,2,3-Trichloropropane	11.280	75	87354m	19.04	ug/l	
77) Bromobenzene	11.238	156	68406	19.70	ug/l	98
78) n-propylbenzene	11.341	91	303500	19.53	ug/l	100
79) 2-Chlorotoluene	11.402	91	190003	19.85	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	228703	20.15	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.055	75	28647	18.06	ug/l	97
82) 4-Chlorotoluene	11.494	91	220043	19.46	ug/l	99
83) tert-Butylbenzene	11.756	119	215535	19.55	ug/l	98
84) 1,2,4-Trimethylbenzene	11.793	105	232735	19.07	ug/l	100
85) sec-Butylbenzene	11.927	105	253669	19.87	ug/l	100
86) p-Isopropyltoluene	12.049	119	235558	18.88	ug/l	98
87) 1,3-Dichlorobenzene	12.006	146	122992	19.26	ug/l	98
88) 1,4-Dichlorobenzene	12.079	146	121862	18.85	ug/l	97
89) n-Butylbenzene	12.372	91	204169	18.76	ug/l	99
90) Hexachloroethane	12.579	117	39656	18.53	ug/l	96
91) 1,2-Dichlorobenzene	12.372	146	117062	18.79	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.981	75	18041	16.70	ug/l	94
93) 1,2,4-Trichlorobenzene	13.628	180	76104	18.86	ug/l	96
94) Hexachlorobutadiene	13.762	225	37032	19.55	ug/l	98
95) Naphthalene	13.817	128	228096	17.37	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	75389	19.13	ug/l	97

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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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Abundance

TIC: VX020709.D\data.ms

Time-->

1,2-Dichloroethane, T
Vinyl Chloride, T
Bromomethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acetone, T
Methyl Chloride, T
Methyl Acetate, T
Tert butyl alcohol, T
Vinyl Acetate, T
1,1-Dichloroethane, P
Diisopropyl ether, T
2-Bromopropane, T
Ethyl Acetate, T
Methyl Chloride, T
Chloroform, T
Cyclohexane, T
Dibromodichloromethane, S
Pentachlorobenzene, I
Catalytic converter, T
1,2-Dichloroethane-d4, S
1,2-Dichloroethane, T
Isopropyl Acetate, T
1,4-Difluorobenzene, I
Trichloroethene, TM
2,2-Dichloropropane, T
Methyl Chloride, T
Bromochloromethane, T
1,2-Dioxane, T
Methyl Chloride, T
cis-1,3-Dichloropropene, T
2-Chloroethyl Vinyl ether, T
4-Methyl-2-Pentanone, T
Toluene-d8, S
Toluene, CM
1,3-Dichloropropene, T
Ethyl methylchloroacetate, T
1,3-Dichloropropane, T
1,2-Dibromobenzene, T
1,1,1,2-Tetrachloroethane, T
1,1,2,2-Tetrachloroethane, T
Ethyl Benzene, C
Chlorobenzene-d5, I
m/p-Xylenes, T
Styrene, T
o-Xylene, T
N-ethyl acetate, T
trans-1,4-Dichlorobenzene, T
4-Bromofluorobenzene, S
1,2,3-Trichlorobenzene, T
2-Chlorotoluene, T
1,2,4-Trichlorobenzene, T
1,2,4-Trichlorobenzene-d4, I
p-Isopropylchlorobenzene, T
p-Butylchlorobenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
Hexachlorobutadiene, T
1,2,4-Trichlorobenzene, T
Naphthalene, T
1,2,3-Trichlorobenzene, T