

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019536.D
 Acq On : 21 Nov 2020 09:00
 Operator : JC/MD
 Sample : VX1121MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121MBS01

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 9:35:03 AM

Quant Time: Nov 23 00:24:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	264998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	464373	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	417139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	194324	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	179772	52.32	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.64%
35) Dibromofluoromethane	5.46	113	143830	49.34	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.68%
50) Toluene-d8	8.70	98	554986	49.00	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.00%
62) 4-Bromofluorobenzene	11.12	95	200635	49.23	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.46%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	48664	18.884	ug/l 99
3) Chloromethane	1.31	50	55848	18.886	ug/l 100
4) Vinyl Chloride	1.39	62	60718	19.074	ug/l 99
5) Bromomethane	1.62	94	21093	17.494	ug/l 99
6) Chloroethane	1.70	64	23634	28.670	ug/l 97
7) Trichlorofluoromethane	1.90	101	88205	19.198	ug/l 98
8) Diethyl Ether	2.17	74	36697	19.943	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	46898	18.296	ug/l 99
10) Methyl Iodide	2.48	142	55602	16.512	ug/l 99
11) Tert butyl alcohol	3.04	59	88901m	136.718	ug/l
12) 1,1-Dichloroethene	2.35	96	49979	18.997	ug/l 96
13) Acrolein	2.28	56	31436	71.920	ug/l 100
14) Allyl chloride	2.70	41	74046	17.966	ug/l 98
15) Acrylonitrile	3.12	53	154881	100.997	ug/l 100
16) Acetone	2.43	43	126323	95.070	ug/l 100
17) Carbon Disulfide	2.54	76	127151	17.990	ug/l 100
18) Methyl Acetate	2.75	43	67867	21.202	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	189062	20.819	ug/l 98
20) Methylene Chloride	2.83	84	62679	18.873	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	57445	19.272	ug/l 98
22) Diisopropyl ether	3.82	45	169305	19.857	ug/l 98
23) Vinyl Acetate	3.78	43	718398	100.453	ug/l 100
24) 1,1-Dichloroethane	3.67	63	101945	19.548	ug/l 99
25) 2-Butanone	4.64	43	198839	99.618	ug/l 99
26) 2,2-Dichloropropane	4.54	77	59530	13.078	ug/l 97
27) cis-1,2-Dichloroethene	4.56	96	68549	20.020	ug/l 98
28) Bromochloromethane	4.98	49	43293	17.364	ug/l 98
29) Tetrahydrofuran	5.09	42	126871	99.620	ug/l 98
30) Chloroform	5.17	83	107689	19.748	ug/l 99
31) Cyclohexane	5.54	56	83598	18.707	ug/l 94
32) 1,1,1-Trichloroethane	5.46	97	93479	19.956	ug/l 100
36) 1,1-Dichloropropene	5.76	75	77347	17.767	ug/l 99
37) Ethyl Acetate	4.80	43	78313	19.161	ug/l 99
38) Carbon Tetrachloride	5.75	117	75697	17.964	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	84035	16.578	ug/l	97
40) Benzene	6.11	78	245929	18.386	ug/l	98
41) Methacrylonitrile	5.00	41	42946	19.055	ug/l	97
42) 1,2-Dichloroethane	6.16	62	86314	18.826	ug/l	100
43) Isopropyl Acetate	6.42	43	131303	19.112	ug/l	99
44) Trichloroethene	7.18	130	63932	18.247	ug/l	97
45) 1,2-Dichloropropane	7.49	63	61427	18.654	ug/l	100
46) Dibromomethane	7.63	93	42353	18.792	ug/l	99
47) Bromodichloromethane	7.87	83	82286	18.815	ug/l	99
48) Methyl methacrylate	7.74	41	63821	19.835	ug/l	98
49) 1,4-Dioxane	7.72	88	30030	411.057	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	395532	98.728	ug/l	100
52) Toluene	8.76	92	156854	19.169	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	85867	18.180	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	93225	17.786	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	63659	19.102	ug/l	98
56) Ethyl methacrylate	9.16	69	94653	20.072	ug/l	99
57) 1,3-Dichloropropane	9.35	76	106906	19.161	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	248527	89.944	ug/l	98
59) 2-Hexanone	9.48	43	296927	97.723	ug/l	99
60) Dibromochloromethane	9.56	129	62398	19.116	ug/l	98
61) 1,2-Dibromoethane	9.65	107	66806	19.448	ug/l	99
64) Tetrachloroethene	9.32	164	56218	17.145	ug/l	94
65) Chlorobenzene	10.12	112	160756	18.744	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	60655	19.443	ug/l	97
67) Ethyl Benzene	10.23	91	289487	19.268	ug/l	99
68) m/p-Xylenes	10.34	106	216857	38.741	ug/l	98
69) o-Xylene	10.68	106	105903	19.792	ug/l	99
70) Styrene	10.70	104	173064	18.543	ug/l	99
71) Bromoform	10.84	173	43220	18.779	ug/l #	97
73) Isopropylbenzene	11.00	105	277659	20.655	ug/l	99
74) N-amyl acetate	10.88	43	109732	21.784	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	96443	20.062	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	84838m	20.005	ug/l	
77) Bromobenzene	11.24	156	69514	20.256	ug/l	97
78) n-propylbenzene	11.34	91	304407	19.739	ug/l	100
79) 2-Chlorotoluene	11.40	91	190474	20.366	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	229033	20.310	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	24400	18.458	ug/l	96
82) 4-Chlorotoluene	11.49	91	219026	19.893	ug/l	99
83) tert-Butylbenzene	11.76	119	228033	20.901	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	233519	20.466	ug/l	100
85) sec-Butylbenzene	11.93	105	253893	19.562	ug/l	100
86) p-Isopropyltoluene	12.05	119	227879	19.338	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	121761	19.320	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	122820	18.919	ug/l	99
89) n-Butylbenzene	12.37	91	190082	17.842	ug/l	99
90) Hexachloroethane	12.58	117	37497	19.016	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	121936	19.263	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19610	19.995	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	75839	18.662	ug/l	98
94) Hexachlorobutadiene	13.76	225	31124	16.812	ug/l	96
95) Naphthalene	13.82	128	263692	19.774	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	77599	19.090	ug/l	100

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

