

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091820\
 Data File : VX018491.D
 Acq On : 18 Sep 2020 14:42
 Operator : JC/SP
 Sample : VX0918MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/21/2020 11:50:51 AM

Quant Time: Sep 21 02:17:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	419088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	633278	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	589217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	316857	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	281758	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
35) Dibromofluoromethane	5.47	113	214996	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	8.70	98	767227	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
62) 4-Bromofluorobenzene	11.12	95	305557	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	76468	19.245	ug/l	99
3) Chloromethane	1.31	50	83340	17.916	ug/l	97
4) Vinyl Chloride	1.39	62	87273	17.722	ug/l	95
5) Bromomethane	1.64	94	62406	20.647	ug/l	98
6) Chloroethane	1.71	64	52604	18.664	ug/l	96
7) Trichlorofluoromethane	1.92	101	149113	19.932	ug/l	96
8) Diethyl Ether	2.17	74	46930	17.879	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77052	19.135	ug/l	98
10) Methyl Iodide	2.50	142	85121	20.320	ug/l	96
11) Tert butyl alcohol	3.01	59	96705	93.747	ug/l	99
12) 1,1-Dichloroethene	2.35	96	74036	18.242	ug/l	95
13) Acrolein	2.28	56	48156	73.727	ug/l	95
14) Allyl chloride	2.71	41	134092	17.049	ug/l	95
15) Acrylonitrile	3.12	53	225307	91.538	ug/l	99
16) Acetone	2.42	43	189236	83.462	ug/l	96
17) Carbon Disulfide	2.56	76	212207	17.507	ug/l	99
18) Methyl Acetate	2.75	43	105233	18.732	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	266033	18.673	ug/l	100
20) Methylene Chloride	2.84	84	85321	17.055	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	83802	17.766	ug/l	92
22) Diisopropyl ether	3.82	45	263400	17.817	ug/l	93
23) Vinyl Acetate	3.79	43	1169607	89.283	ug/l	99
24) 1,1-Dichloroethane	3.67	63	149595	17.546	ug/l	99
25) 2-Butanone	4.63	43	312344	88.461	ug/l	98
26) 2,2-Dichloropropane	4.56	77	143652	18.236	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	92835	17.560	ug/l	99
28) Bromochloromethane	4.98	49	73618	18.452	ug/l	96
29) Tetrahydrofuran	5.09	42	198447	89.172	ug/l	96
30) Chloroform	5.18	83	162621	18.799	ug/l	91
31) Cyclohexane	5.55	56	122738	17.107	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	153818	18.954	ug/l	98
36) 1,1-Dichloropropene	5.77	75	116600	18.970	ug/l	97
37) Ethyl Acetate	4.80	43	123762	18.856	ug/l	99
38) Carbon Tetrachloride	5.75	117	138610	20.362	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	124401	18.015	ug/l	99
40) Benzene	6.12	78	334265	18.976	ug/l	96
41) Methacrylonitrile	5.01	41	66452	18.220	ug/l	98
42) 1,2-Dichloroethane	6.17	62	136031	19.850	ug/l	99
43) Isopropyl Acetate	6.42	43	205154	18.835	ug/l	100
44) Trichloroethene	7.19	130	98628	19.341	ug/l	90
45) 1,2-Dichloropropane	7.49	63	88325	18.268	ug/l	100
46) Dibromomethane	7.64	93	63390	19.083	ug/l	99
47) Bromodichloromethane	7.88	83	128591	19.208	ug/l	95
48) Methyl methacrylate	7.75	41	100514	18.959	ug/l	99
49) 1,4-Dioxane	7.71	88	31002	353.905	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	639295	98.576	ug/l	98
52) Toluene	8.77	92	207814	18.747	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	142251	18.700	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	149156	19.033	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	89622	19.484	ug/l	96
56) Ethyl methacrylate	9.16	69	126206	18.505	ug/l	97
57) 1,3-Dichloropropane	9.35	76	144347	18.678	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	337024	92.945	ug/l	99
59) 2-Hexanone	9.48	43	477093	96.719	ug/l	99
60) Dibromochloromethane	9.57	129	106851	19.482	ug/l	100
61) 1,2-Dibromoethane	9.65	107	96561	19.731	ug/l	99
64) Tetrachloroethene	9.32	164	91811	19.792	ug/l	97
65) Chlorobenzene	10.12	112	233574	19.252	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	96140	19.753	ug/l	99
67) Ethyl Benzene	10.24	91	402990	19.189	ug/l	97
68) m/p-Xylenes	10.34	106	303619	38.219	ug/l	97
69) o-Xylene	10.68	106	143687	19.101	ug/l	98
70) Styrene	10.69	104	249965	19.244	ug/l	98
71) Bromoform	10.84	173	79030	19.339	ug/l #	97
73) Isopropylbenzene	11.00	105	401920	18.988	ug/l	99
74) N-amyl acetate	10.88	43	172637	18.116	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	129287	18.453	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	127344m	19.125	ug/l	
77) Bromobenzene	11.24	156	109243	18.705	ug/l	99
78) n-propylbenzene	11.34	91	467661	18.875	ug/l	99
79) 2-Chlorotoluene	11.40	91	278965	18.601	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	348458	19.249	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	47677	18.348	ug/l	96
82) 4-Chlorotoluene	11.49	91	337434	18.927	ug/l	99
83) tert-Butylbenzene	11.76	119	329265	18.734	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	351691	19.291	ug/l	98
85) sec-Butylbenzene	11.93	105	381896	18.415	ug/l	100
86) p-Isopropyltoluene	12.05	119	372365	19.537	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	193848	18.460	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	201063	18.884	ug/l	98
89) n-Butylbenzene	12.37	91	316014	17.910	ug/l	100
90) Hexachloroethane	12.58	117	69191	18.184	ug/l	90
91) 1,2-Dichlorobenzene	12.38	146	186243	18.949	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	32978	19.389	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	124904	18.260	ug/l	94
94) Hexachlorobutadiene	13.77	225	53815	18.748	ug/l	99
95) Naphthalene	13.82	128	396647	19.200	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	122917	18.802	ug/l	97

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

