

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120418\
 Data File : VX006286.D
 Acq On : 04 Dec 2018 18:41
 Operator : JC/MD
 Sample : J6139-02MS
 Misc : 7.11g/5mL/100ul/5.00ml/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0483MS

Manual Integrations
 APPROVED

MMDadoda
 12/5/2018 10:12:01 AM

Quant Time: Dec 05 01:18:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	592488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	882545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	793898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	441883	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	296355	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
35) Dibromofluoromethane	5.51	113	284374	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	8.71	98	1010194	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
62) 4-Bromofluorobenzene	11.14	95	395440	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	284534	49.047	ug/l	98
3) Chloromethane	1.33	50	257741	43.234	ug/l	98
4) Vinyl Chloride	1.41	62	270894	42.220	ug/l	95
5) Bromomethane	1.64	94	53609	12.056	ug/l	99
6) Chloroethane	1.71	64	149999	38.129	ug/l	99
7) Trichlorofluoromethane	1.88	101	274564	27.877	ug/l	100
8) Diethyl Ether	2.20	74	180076	48.310	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.34	101	271264	48.437	ug/l	100
10) Methyl Iodide	2.48	142	87203	10.332	ug/l	100
11) Tert butyl alcohol	3.15	59	13466	8.141	ug/l #	73
12) 1,1-Dichloroethene	2.34	96	253985	47.375	ug/l	97
13) Acrolein	2.31	56	183203	202.644	ug/l	100
14) Allyl chloride	2.71	41	390909	36.911	ug/l	88
15) Acrylonitrile	3.18	53	811502	235.103	ug/l	99
16) Acetone	2.49	43	723058	254.737	ug/l	99
17) Carbon Disulfide	2.53	76	740859	44.846	ug/l	99
18) Methyl Acetate	2.80	43	489973	51.618	ug/l	100
19) Methyl tert-butyl Ether	3.23	73	909143	47.536	ug/l	99
20) Methylene Chloride	2.84	84	277981	46.016	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	269535	47.177	ug/l	94
22) Diisopropyl ether	3.89	45	805047	48.667	ug/l	94
23) Vinyl Acetate	3.83	43	2968613	210.408	ug/l	100
24) 1,1-Dichloroethane	3.68	63	477261	50.477	ug/l	99
25) 2-Butanone	4.74	43	972893	240.217	ug/l	97
26) 2,2-Dichloropropane	4.57	77	419389	48.063	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	325754	51.116	ug/l	98
28) Bromochloromethane	5.02	49	198699	48.113	ug/l	98
29) Tetrahydrofuran	5.18	42	649828	230.862	ug/l	99
30) Chloroform	5.21	83	492950	49.613	ug/l	97
31) Cyclohexane	5.56	56	409064	46.815	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	457214	48.363	ug/l	100
36) 1,1-Dichloropropene	5.79	75	359779	48.410	ug/l	100
37) Ethyl Acetate	4.88	43	400123	48.076	ug/l	99
38) Carbon Tetrachloride	5.77	117	417079	47.704	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	459613	47.643	ug/l	100
40) Benzene	6.13	78	1094235	49.159	ug/l	99
41) Methacrylonitrile	5.09	41	203641	44.467	ug/l	97
42) 1,2-Dichloroethane	6.20	62	361858	49.671	ug/l	99
43) Isopropyl Acetate	6.48	43	632829	45.604	ug/l	99
44) Trichloroethene	7.21	130	357010	52.943	ug/l	97
45) 1,2-Dichloropropane	7.51	63	267862	47.348	ug/l	97
46) Dibromomethane	7.66	93	197938	48.446	ug/l	99
47) Bromodichloromethane	7.90	83	380335	48.069	ug/l	98
48) Methyl methacrylate	7.78	41	315564	46.745	ug/l	98
49) 1,4-Dioxane	7.79	88	156688	941.735	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	1949166	241.289	ug/l	98
52) Toluene	8.78	92	699339	47.755	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	429934	46.462	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	461536	48.034	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	300229	50.464	ug/l	99
56) Ethyl methacrylate	9.19	69	454956	48.916	ug/l	97
57) 1,3-Dichloropropane	9.37	76	471155	50.082	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1130051	239.434	ug/l	100
59) 2-Hexanone	9.51	43	1507871	244.320	ug/l	99
60) Dibromochloromethane	9.59	129	353628	48.204	ug/l	99
61) 1,2-Dibromoethane	9.68	107	325927	48.995	ug/l	99
64) Tetrachloroethene	9.34	164	310402	51.917	ug/l	97
65) Chlorobenzene	10.14	112	838282	49.742	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	319442	48.786	ug/l	100
67) Ethyl Benzene	10.25	91	1363267	48.637	ug/l	99
68) m/p-Xylenes	10.36	106	1082767	96.437	ug/l	100
69) o-Xylene	10.70	106	542292	48.898	ug/l	99
70) Styrene	10.71	104	888201	49.517	ug/l	99
71) Bromoform	10.87	173	292522	47.325	ug/l #	100
73) Isopropylbenzene	11.02	105	1432360	46.938	ug/l	100
74) N-amyl acetate	10.90	43	606734	46.172	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	479678	49.134	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	466922m	54.745	ug/l	
77) Bromobenzene	11.26	156	396275	46.793	ug/l	99
78) n-propylbenzene	11.36	91	1603873	47.282	ug/l	100
79) 2-Chlorotoluene	11.42	91	948272	47.034	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1197819	47.177	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	162056	44.589	ug/l	95
82) 4-Chlorotoluene	11.51	91	1112332	47.452	ug/l	100
83) tert-Butylbenzene	11.77	119	1291284	47.666	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1246645	47.550	ug/l	99
85) sec-Butylbenzene	11.94	105	1495485	48.525	ug/l	100
86) p-Isopropyltoluene	12.07	119	1356986	48.898	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	737452	48.939	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	741982	48.513	ug/l	99
89) n-Butylbenzene	12.39	91	1184971	50.044	ug/l	99
90) Hexachloroethane	12.60	117	265001	46.853	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	745005	49.815	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	117685	47.025	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	563862	51.679	ug/l	98
94) Hexachlorobutadiene	13.79	225	263140	54.534	ug/l	99
95) Naphthalene	13.83	128	1783050	52.536	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	580510	53.717	ug/l	98

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

