

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080619\
 Data File : VX011344.D
 Acq On : 06 Aug 2019 11:30
 Operator : JC/SP
 Sample : VX0806MBS01
 Misc : 5.0µ/10mL/100µL/10mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/7/2019 11:25:31 AM

Quant Time: Aug 07 01:32:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	161938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	234527	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	217490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	116803	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	86209	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
35) Dibromofluoromethane	5.49	113	79448	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
50) Toluene-d8	8.71	98	295427	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
62) 4-Bromofluorobenzene	11.13	95	105814	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	21436	17.139	ug/l	99
3) Chloromethane	1.32	50	25374	18.066	ug/l	100
4) Vinyl Chloride	1.40	62	27834	18.016	ug/l	100
5) Bromomethane	1.63	94	20777	18.857	ug/l	97
6) Chloroethane	1.71	64	18334	17.464	ug/l	95
7) Trichlorofluoromethane	1.92	101	50405	18.349	ug/l	94
8) Diethyl Ether	2.18	74	17840	18.188	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	27142	18.261	ug/l	98
10) Methyl Iodide	2.50	142	29461	15.722	ug/l	99
11) Tert butyl alcohol	3.03	59	28324	87.114	ug/l	97
12) 1,1-Dichloroethene	2.37	96	26096	17.712	ug/l	93
13) Acrolein	2.29	56	13243	65.216	ug/l	97
14) Allyl chloride	2.72	41	37080	18.878	ug/l	97
15) Acrylonitrile	3.14	53	71899	92.651	ug/l	98
16) Acetone	2.43	43	67686	87.198	ug/l	100
17) Carbon Disulfide	2.56	76	60798	17.584	ug/l	100
18) Methyl Acetate	2.76	43	33212	18.723	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	80533	18.548	ug/l	99
20) Methylene Chloride	2.85	84	29636	17.433	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	27880	17.888	ug/l	97
22) Diisopropyl ether	3.85	45	79977	18.526	ug/l	99
23) Vinyl Acetate	3.81	43	339741	94.885	ug/l	99
24) 1,1-Dichloroethane	3.69	63	46563	18.292	ug/l	98
25) 2-Butanone	4.66	43	98354	89.074	ug/l	98
26) 2,2-Dichloropropane	4.57	77	37205	18.802	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	32600	18.159	ug/l	98
28) Bromochloromethane	5.01	49	21296	18.351	ug/l	95
29) Tetrahydrofuran	5.12	42	62217	91.897	ug/l	98
30) Chloroform	5.20	83	52126	18.841	ug/l	96
31) Cyclohexane	5.57	56	38231	18.204	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	44090	18.603	ug/l	99
36) 1,1-Dichloropropene	5.79	75	36676	17.911	ug/l	99
37) Ethyl Acetate	4.82	43	36311	17.679	ug/l	99
38) Carbon Tetrachloride	5.78	117	38564	18.720	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	42758	17.617	ug/l	96
40) Benzene	6.13	78	111988	18.328	ug/l	98
41) Methacrylonitrile	5.03	41	20024	17.851	ug/l	99
42) 1,2-Dichloroethane	6.18	62	39881	19.302	ug/l	99
43) Isopropyl Acetate	6.43	43	58944	17.950	ug/l	99
44) Trichloroethene	7.21	130	33440	18.080	ug/l	99
45) 1,2-Dichloropropane	7.51	63	28610	18.079	ug/l	95
46) Dibromomethane	7.65	93	20656	17.881	ug/l	99
47) Bromodichloromethane	7.89	83	36379	18.600	ug/l	98
48) Methyl methacrylate	7.77	41	29002	18.767	ug/l	95
49) 1,4-Dioxane	7.73	88	15428	344.359	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	197589	93.237	ug/l	99
52) Toluene	8.78	92	74597	18.465	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	37199	18.242	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	42541	18.620	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	30964	18.641	ug/l	98
56) Ethyl methacrylate	9.18	69	43233	18.264	ug/l	98
57) 1,3-Dichloropropane	9.37	76	48762	18.562	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	107141	92.055	ug/l	98
59) 2-Hexanone	9.49	43	151261	92.150	ug/l	99
60) Dibromochloromethane	9.58	129	30985	18.220	ug/l	100
61) 1,2-Dibromoethane	9.66	107	33065	18.425	ug/l	98
64) Tetrachloroethene	9.34	164	33522	18.149	ug/l	95
65) Chlorobenzene	10.13	112	84539	18.129	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	29666	18.582	ug/l	98
67) Ethyl Benzene	10.25	91	142305	18.221	ug/l	99
68) m/p-Xylenes	10.35	106	111234	36.822	ug/l	100
69) o-Xylene	10.69	106	53634	18.070	ug/l	99
70) Styrene	10.71	104	88482	18.017	ug/l	98
71) Bromoform	10.85	173	22430	17.658	ug/l #	99
73) Isopropylbenzene	11.02	105	144642	18.106	ug/l	100
74) N-amyl acetate	10.90	43	53212	18.435	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	47932	18.005	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	39721m	18.674	ug/l	
77) Bromobenzene	11.25	156	39461	17.814	ug/l	98
78) n-propylbenzene	11.36	91	162131	18.250	ug/l	99
79) 2-Chlorotoluene	11.42	91	94462	17.840	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	121532	18.174	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	12229	18.489	ug/l	92
82) 4-Chlorotoluene	11.51	91	113350	18.369	ug/l	98
83) tert-Butylbenzene	11.77	119	119043	18.150	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	121881	18.306	ug/l	100
85) sec-Butylbenzene	11.94	105	142989	18.146	ug/l	100
86) p-Isopropyltoluene	12.06	119	132430	18.268	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	70870	18.107	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	71797	17.789	ug/l	98
89) n-Butylbenzene	12.38	91	112098	17.949	ug/l	100
90) Hexachloroethane	12.59	117	19446	18.144	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	70959	18.043	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	9506	18.431	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	46632	17.880	ug/l	99
94) Hexachlorobutadiene	13.78	225	24140	18.243	ug/l	97
95) Naphthalene	13.83	128	135555	17.773	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	48629	18.340	ug/l	99

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

