

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121118\
 Data File : VX006417.D
 Acq On : 11 Dec 2018 13:44
 Operator : JC/MD
 Sample : VX1211MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/12/2018 10:39:57 AM

Quant Time: Dec 12 04:51:43 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	5.67	168	697072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1020613	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	916927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	486720	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	349454	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
35) Dibromofluoromethane	5.50	113	336735	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
50) Toluene-d8	8.71	98	1223683	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.14	95	461756	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	131643	19.287	ug/l	98
3) Chloromethane	1.33	50	130265	18.572	ug/l	98
4) Vinyl Chloride	1.41	62	144046	19.082	ug/l	96
5) Bromomethane	1.64	94	118162	22.586	ug/l	100
6) Chloroethane	1.72	64	94540	20.426	ug/l	100
7) Trichlorofluoromethane	1.93	101	226027	19.506	ug/l	98
8) Diethyl Ether	2.19	74	88657	20.216	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	131044	19.889	ug/l	97
10) Methyl Iodide	2.51	142	192674	19.404	ug/l	99
11) Tert butyl alcohol	3.07	59	193064	99.208	ug/l	100
12) 1,1-Dichloroethene	2.38	96	120326	19.077	ug/l	93
13) Acrolein	2.29	56	102835	96.682	ug/l	100
14) Allyl chloride	2.73	41	218859	17.565	ug/l	96
15) Acrylonitrile	3.15	53	395022	97.273	ug/l	100
16) Acetone	2.45	43	349698	104.716	ug/l	97
17) Carbon Disulfide	2.57	76	301501	15.512	ug/l	98
18) Methyl Acetate	2.78	43	233086	20.871	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	450121	20.004	ug/l	99
20) Methylene Chloride	2.86	84	139238	19.591	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	128759	19.156	ug/l	94
22) Diisopropyl ether	3.87	45	383775	19.719	ug/l	99
23) Vinyl Acetate	3.82	43	1556755	93.784	ug/l	98
24) 1,1-Dichloroethane	3.70	63	216893	19.498	ug/l	98
25) 2-Butanone	4.70	43	478755	100.474	ug/l	98
26) 2,2-Dichloropropane	4.59	77	179972	17.531	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	151594	20.219	ug/l	98
28) Bromochloromethane	5.02	49	95809	19.718	ug/l	98
29) Tetrahydrofuran	5.16	42	315623	95.307	ug/l	98
30) Chloroform	5.21	83	231460	19.800	ug/l	96
31) Cyclohexane	5.58	56	186027	18.096	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	208212	18.720	ug/l	100
36) 1,1-Dichloropropene	5.80	75	163194	18.988	ug/l	99
37) Ethyl Acetate	4.85	43	179539	18.654	ug/l	97
38) Carbon Tetrachloride	5.79	117	180516	17.854	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	210961	18.910	ug/l	98
40) Benzene	6.14	78	518085	20.126	ug/l	97
41) Methacrylonitrile	5.06	41	100364	18.951	ug/l	98
42) 1,2-Dichloroethane	6.20	62	168633	20.016	ug/l	97
43) Isopropyl Acetate	6.46	43	298037	18.572	ug/l	98
44) Trichloroethene	7.21	130	153669	19.706	ug/l	98
45) 1,2-Dichloropropane	7.52	63	128577	19.653	ug/l	100
46) Dibromomethane	7.66	93	91874	19.444	ug/l	99
47) Bromodichloromethane	7.90	83	162617	17.772	ug/l	99
48) Methyl methacrylate	7.77	41	148957	19.080	ug/l	97
49) 1,4-Dioxane	7.75	88	78652	408.769	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	929237	99.470	ug/l	98
52) Toluene	8.79	92	335917	19.835	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	182347	17.040	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	200255	18.022	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	143548	20.864	ug/l	99
56) Ethyl methacrylate	9.18	69	211535	19.667	ug/l	98
57) 1,3-Dichloropropane	9.37	76	223716	20.563	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	517996	94.905	ug/l	99
59) 2-Hexanone	9.49	43	708506	99.269	ug/l	99
60) Dibromochloromethane	9.59	129	146591	17.279	ug/l	100
61) 1,2-Dibromoethane	9.67	107	155973	20.275	ug/l	97
64) Tetrachloroethene	9.34	164	144555	20.934	ug/l	96
65) Chlorobenzene	10.14	112	398849	20.491	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	144116	19.056	ug/l	100
67) Ethyl Benzene	10.25	91	649423	20.061	ug/l	99
68) m/p-Xylenes	10.36	106	525130	40.495	ug/l	99
69) o-Xylene	10.70	106	262028	20.457	ug/l	99
70) Styrene	10.71	104	416727	20.115	ug/l	99
71) Bromoform	10.86	173	112186	15.715	ug/l #	100
73) Isopropylbenzene	11.02	105	691985	20.587	ug/l	100
74) N-amyl acetate	10.90	43	269284	18.604	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	214870	19.982	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	199338m	21.219	ug/l	
77) Bromobenzene	11.26	156	191077	20.484	ug/l	99
78) n-propylbenzene	11.36	91	747349	20.002	ug/l	100
79) 2-Chlorotoluene	11.42	91	450250	20.275	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	564897	20.199	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	60801	15.188	ug/l	86
82) 4-Chlorotoluene	11.51	91	517366	20.038	ug/l	100
83) tert-Butylbenzene	11.77	119	599267	20.083	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	602818	20.875	ug/l	99
85) sec-Butylbenzene	11.94	105	692335	20.395	ug/l	100
86) p-Isopropyltoluene	12.06	119	627154	20.517	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	340647	20.524	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	342796	20.348	ug/l	99
89) n-Butylbenzene	12.39	91	505216	19.371	ug/l	99
90) Hexachloroethane	12.60	117	102405	16.438	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	338192	20.530	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45763	16.602	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	238270	19.826	ug/l	99
94) Hexachlorobutadiene	13.78	225	110392	20.771	ug/l	100
95) Naphthalene	13.83	128	753408	20.154	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	240946	20.242	ug/l	99

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

