

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX103118\
 Data File : VX005717.D
 Acq On : 31 Oct 2018 20:22
 Operator : JC/MD
 Sample : VX1031MBS01
 Misc : 5.0µl/10ml/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031MBS01

Manual Integrations
 APPROVED

MMDadoda
 11/1/2018 9:49:38 AM

Quant Time: Oct 31 23:05:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	129838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	219983	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	183719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	92318	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	94069	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
35) Dibromofluoromethane	5.50	113	73139	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
50) Toluene-d8	8.71	98	261312	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.14	95	95085	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	33749	22.501	ug/l	94
3) Chloromethane	1.32	50	36185	20.453	ug/l	97
4) Vinyl Chloride	1.40	62	38095	20.696	ug/l	98
5) Bromomethane	1.64	94	32599	14.273	ug/l	97
6) Chloroethane	1.72	64	23180	21.477	ug/l	95
7) Trichlorofluoromethane	1.93	101	48712	20.618	ug/l	96
8) Diethyl Ether	2.19	74	22124	20.833	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	29385	20.476	ug/l	92
10) Methyl Iodide	2.51	142	22942	17.727	ug/l	99
11) Tert butyl alcohol	3.07	59	52244	101.344	ug/l	100
12) 1,1-Dichloroethene	2.37	96	27773	19.860	ug/l	83
13) Acrolein	2.29	56	36455	106.202	ug/l	99
14) Allyl chloride	2.73	41	54563	18.869	ug/l #	93
15) Acrylonitrile	3.15	53	111831	98.651	ug/l	99
16) Acetone	2.45	43	96937	93.480	ug/l	92
17) Carbon Disulfide	2.57	76	79000	18.384	ug/l	100
18) Methyl Acetate	2.78	43	51665	18.965	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	102536	21.182	ug/l	97
20) Methylene Chloride	2.85	84	32933	20.119	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	30103	20.344	ug/l	89
22) Diisopropyl ether	3.87	45	108671	20.259	ug/l #	97
23) Vinyl Acetate	3.82	43	480144	102.768	ug/l	99
24) 1,1-Dichloroethane	3.70	63	59489	19.613	ug/l	99
25) 2-Butanone	4.70	43	157338	98.257	ug/l	98
26) 2,2-Dichloropropane	4.59	77	41620	18.356	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	33859	20.363	ug/l	94
28) Bromochloromethane	5.01	49	28863	19.505	ug/l	99
29) Tetrahydrofuran	5.15	42	96934	99.179	ug/l	91
30) Chloroform	5.21	83	60225	20.309	ug/l	95
31) Cyclohexane	5.58	56	52661	20.762	ug/l	92
32) 1,1,1-Trichloroethane	5.50	97	48803	20.563	ug/l	97
36) 1,1-Dichloropropene	5.81	75	44734	19.086	ug/l	96
37) Ethyl Acetate	4.85	43	55931	18.705	ug/l	97
38) Carbon Tetrachloride	5.78	117	40603	19.175	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	45388	18.569	ug/l	94
40) Benzene	6.14	78	136752	19.613	ug/l	99
41) Methacrylonitrile	5.06	41	30845	19.092	ug/l	94
42) 1,2-Dichloroethane	6.20	62	48933	18.986	ug/l	98
43) Isopropyl Acetate	6.46	43	83499	19.240	ug/l	97
44) Trichloroethene	7.21	130	30189	18.720	ug/l	93
45) 1,2-Dichloropropane	7.52	63	34083	19.074	ug/l	100
46) Dibromomethane	7.66	93	21060	18.442	ug/l	89
47) Bromodichloromethane	7.90	83	39322	18.358	ug/l	99
48) Methyl methacrylate	7.77	41	39619	18.862	ug/l	94
49) 1,4-Dioxane	7.75	88	18257	390.328	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	278739	94.193	ug/l	97
52) Toluene	8.79	92	74035	19.630	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	42871	18.468	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	48108	19.343	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	31468	19.213	ug/l	97
56) Ethyl methacrylate	9.18	69	48049	18.899	ug/l	97
57) 1,3-Dichloropropane	9.37	76	53553	19.034	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	145782	98.840	ug/l	95
59) 2-Hexanone	9.49	43	218760	90.838	ug/l	96
60) Dibromochloromethane	9.59	129	28826	18.213	ug/l	100
61) 1,2-Dibromoethane	9.67	107	32051	19.204	ug/l	98
64) Tetrachloroethene	9.34	164	28316	21.096	ug/l	94
65) Chlorobenzene	10.14	112	81172	20.792	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	27108	20.283	ug/l	96
67) Ethyl Benzene	10.25	91	141717	21.270	ug/l	99
68) m/p-Xylenes	10.36	106	106649	43.076	ug/l	96
69) o-Xylene	10.70	106	50971	21.525	ug/l	96
70) Styrene	10.71	104	85404	21.715	ug/l	98
71) Bromoform	10.86	173	20849	19.254	ug/l #	99
73) Isopropylbenzene	11.02	105	141823	23.286	ug/l	98
74) N-amyl acetate	10.90	43	68696	21.185	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	52435	20.751	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	49945m	21.722	ug/l	
77) Bromobenzene	11.26	156	33539	22.199	ug/l	89
78) n-propylbenzene	11.36	91	167637	22.625	ug/l	96
79) 2-Chlorotoluene	11.42	91	99583	22.503	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	117647	22.749	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	13982	19.647	ug/l	91
82) 4-Chlorotoluene	11.51	91	115753	21.910	ug/l	97
83) tert-Butylbenzene	11.77	119	111206	22.537	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	121414	23.250	ug/l	98
85) sec-Butylbenzene	11.94	105	141919	22.422	ug/l	97
86) p-Isopropyltoluene	12.07	119	119828	22.260	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	62130	21.268	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	64048	20.408	ug/l	97
89) n-Butylbenzene	12.39	91	114481	21.078	ug/l	98
90) Hexachloroethane	12.60	117	19410	20.323	ug/l	83
91) 1,2-Dichlorobenzene	12.39	146	63198	20.707	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12219	20.618	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	42194	21.556	ug/l	98
94) Hexachlorobutadiene	13.79	225	18954	20.015	ug/l	99
95) Naphthalene	13.83	128	150494	23.378	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	43838	21.998	ug/l	99

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

