

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005159.D
 Acq On : 09 Oct 2018 15:21
 Operator : JC/MD
 Sample : VX1009MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/10/2018 2:07:54 PM

Quant Time: Oct 10 06:47:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	194551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	275948	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	267077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165371	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	146405	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
35) Dibromofluoromethane	5.50	113	114678	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
50) Toluene-d8	8.71	98	421950	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	
62) 4-Bromofluorobenzene	11.14	95	157352	56.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	69296	26.123	ug/l	97
3) Chloromethane	1.32	50	79105	24.580	ug/l	99
4) Vinyl Chloride	1.40	62	78792	26.103	ug/l	100
5) Bromomethane	1.64	94	42043	23.489	ug/l	96
6) Chloroethane	1.72	64	44132	25.697	ug/l	96
7) Trichlorofluoromethane	1.93	101	97467	26.083	ug/l	97
8) Diethyl Ether	2.19	74	37160	22.891	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	52250	24.547	ug/l	99
10) Methyl Iodide	2.51	142	57823	20.300	ug/l	91
11) Tert butyl alcohol	3.07	59	95795	123.276	ug/l	99
12) 1,1-Dichloroethene	2.37	96	51081	24.232	ug/l	96
13) Acrolein	2.29	56	57855	104.641	ug/l	91
14) Allyl chloride	2.73	41	115885	25.195	ug/l	95
15) Acrylonitrile	3.15	53	206196	120.537	ug/l	96
16) Acetone	2.45	43	186090	114.691	ug/l	93
17) Carbon Disulfide	2.57	76	153451	24.225	ug/l	99
18) Methyl Acetate	2.78	43	105190	25.588	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	183299	25.209	ug/l	97
20) Methylene Chloride	2.85	84	59431	24.769	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	54246	23.507	ug/l #	79
22) Diisopropyl ether	3.87	45	185480	23.948	ug/l	97
23) Vinyl Acetate	3.82	43	822077	115.955	ug/l	98
24) 1,1-Dichloroethane	3.70	63	109630	23.729	ug/l	99
25) 2-Butanone	4.70	43	270128	112.946	ug/l	95
26) 2,2-Dichloropropane	4.59	77	74573	23.179	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	57870	22.448	ug/l	94
28) Bromochloromethane	5.02	49	44664	20.529	ug/l	99
29) Tetrahydrofuran	5.16	42	177462	119.382	ug/l	97
30) Chloroform	5.21	83	97936	22.429	ug/l	98
31) Cyclohexane	5.57	56	90471	25.585	ug/l #	79
32) 1,1,1-Trichloroethane	5.49	97	84979	23.830	ug/l	96
36) 1,1-Dichloropropene	5.80	75	72653	22.769	ug/l	93
37) Ethyl Acetate	4.85	43	96820	22.859	ug/l	98
38) Carbon Tetrachloride	5.78	117	75337	22.461	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	82114	25.202	ug/l	87
40) Benzene	6.15	78	237584	23.783	ug/l	93
41) Methacrylonitrile	5.06	41	52997	22.562	ug/l	97
42) 1,2-Dichloroethane	6.20	62	80730	22.861	ug/l	98
43) Isopropyl Acetate	6.46	43	141124	23.085	ug/l	98
44) Trichloroethene	7.21	130	60096	24.472	ug/l	94
45) 1,2-Dichloropropane	7.52	63	59070	24.113	ug/l	99
46) Dibromomethane	7.66	93	37947	24.648	ug/l	100
47) Bromodichloromethane	7.90	83	72343	25.097	ug/l	99
48) Methyl methacrylate	7.78	41	72202	26.021	ug/l	99
49) 1,4-Dioxane	7.76	88	33893	491.659	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	502188	130.464	ug/l	99
52) Toluene	8.79	92	140247	25.550	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	78078	23.970	ug/l	95
54) cis-1,3-Dichloropropene	8.44	75	87575	25.668	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	56843	23.641	ug/l	96
56) Ethyl methacrylate	9.18	69	84704	23.329	ug/l	98
57) 1,3-Dichloropropane	9.37	76	95768	23.932	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	207995	108.919	ug/l	99
59) 2-Hexanone	9.50	43	393944	122.814	ug/l	94
60) Dibromochloromethane	9.59	129	57486	23.907	ug/l	99
61) 1,2-Dibromoethane	9.67	107	59567	23.133	ug/l	95
64) Tetrachloroethene	9.34	164	61699	23.472	ug/l	95
65) Chlorobenzene	10.14	112	155225	22.665	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	55596	23.091	ug/l	99
67) Ethyl Benzene	10.26	91	257033	23.640	ug/l	95
68) m/p-Xylenes	10.36	106	202926	47.760	ug/l	95
69) o-Xylene	10.70	106	95456	24.460	ug/l	99
70) Styrene	10.71	104	162147	23.404	ug/l	99
71) Bromoform	10.86	173	46152	22.390	ug/l #	98
73) Isopropylbenzene	11.02	105	260663	25.007	ug/l	100
74) N-amyl acetate	10.90	43	119227	21.831	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	91528	21.571	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	87417m	23.584	ug/l	
77) Bromobenzene	11.26	156	71475	23.608	ug/l	98
78) n-propylbenzene	11.36	91	300894	25.159	ug/l	99
79) 2-Chlorotoluene	11.42	91	180970	24.276	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	223061	23.243	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	24810	19.518	ug/l	98
82) 4-Chlorotoluene	11.51	91	213266	24.305	ug/l	100
83) tert-Butylbenzene	11.77	119	218935	25.511	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	230934	23.334	ug/l	99
85) sec-Butylbenzene	11.94	105	268105	25.648	ug/l	100
86) p-Isopropyltoluene	12.07	119	237416	25.069	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	130856	23.146	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	132792	22.754	ug/l	99
89) n-Butylbenzene	12.39	91	204854	23.817	ug/l	99
90) Hexachloroethane	12.60	117	36298	23.019	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	128774	21.796	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21583	23.166	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	94125	22.711	ug/l	100
94) Hexachlorobutadiene	13.79	225	49760	23.154	ug/l	99
95) Naphthalene	13.83	128	295023	21.858	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	99298	23.194	ug/l	100

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

