

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082718\
 Data File : VX004263.D
 Acq On : 27 Aug 2018 14:47
 Operator : JC/MD
 Sample : VX0827MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827MBS01

Manual Integrations
 APPROVED

MMDadoda

8/28/2018 3:54:20 PM

Quant Time: Aug 27 16:40:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 14:20:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	352426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	507535	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	479763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	271748	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	218480	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
35) Dibromofluoromethane	5.50	113	185631	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
50) Toluene-d8	8.71	98	703717	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	11.14	95	261765	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	82804	20.28	ug/l	99
3) Chloromethane	1.32	50	94979	21.22	ug/l	99
4) Vinyl Chloride	1.40	62	96942	20.99	ug/l	99
5) Bromomethane	1.64	94	46971	19.40	ug/l	99
6) Chloroethane	1.72	64	66582	21.47	ug/l	94
7) Trichlorofluoromethane	1.93	101	122754	19.40	ug/l	99
8) Diethyl Ether	2.19	74	54741	20.20	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	76349	19.26	ug/l	99
10) Methyl Iodide	2.51	142	63179	17.19	ug/l	99
11) Tert butyl alcohol	3.07	59	101941	104.11	ug/l	99
12) 1,1-Dichloroethene	2.37	96	71222	19.08	ug/l	98
13) Acrolein	2.29	56	24384	103.30	ug/l	99
14) Allyl chloride	2.73	41	132184	19.27	ug/l	97
15) Acrylonitrile	3.15	53	229138	94.49	ug/l	98
16) Acetone	2.45	43	192791	97.90	ug/l	100
17) Carbon Disulfide	2.57	76	178526	17.74	ug/l	98
18) Methyl Acetate	2.78	43	147560	21.65	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	250594	20.37	ug/l	99
20) Methylene Chloride	2.86	84	84467	19.10	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	77446	18.74	ug/l	98
22) Diisopropyl ether	3.87	45	252924	19.75	ug/l	96
23) Vinyl Acetate	3.82	43	982200	94.62	ug/l	98
24) 1,1-Dichloroethane	3.70	63	145029	19.43	ug/l	99
25) 2-Butanone	4.71	43	307053	98.03	ug/l	100
26) 2,2-Dichloropropane	4.58	77	110413	18.86	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	88819	18.95	ug/l	97
28) Bromochloromethane	5.02	49	65313	19.76	ug/l	98
29) Tetrahydrofuran	5.16	42	195718	99.17	ug/l	100
30) Chloroform	5.21	83	145319	19.42	ug/l	100
31) Cyclohexane	5.57	56	125090	19.42	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	121927	19.54	ug/l	100
36) 1,1-Dichloropropene	5.80	75	108776	19.06	ug/l	98
37) Ethyl Acetate	4.86	43	113348	20.20	ug/l	99
38) Carbon Tetrachloride	5.78	117	103495	19.28	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	124246	19.07	ug/l	100
40) Benzene	6.14	78	337799	19.81	ug/l	100
41) Methacrylonitrile	5.06	41	64835	19.93	ug/l	98
42) 1,2-Dichloroethane	6.20	62	113387	19.50	ug/l	99
43) Isopropyl Acetate	6.46	43	173853	20.16	ug/l	100
44) Trichloroethene	7.21	130	90957	19.27	ug/l	96
45) 1,2-Dichloropropane	7.52	63	85673	20.08	ug/l	100
46) Dibromomethane	7.67	93	55277	19.46	ug/l	99
47) Bromodichloromethane	7.90	83	101120	19.13	ug/l	98
48) Methyl methacrylate	7.78	41	91910	19.92	ug/l	98
49) 1,4-Dioxane	7.76	88	43440	414.68	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	595771	95.09	ug/l	100
52) Toluene	8.79	92	216495	20.29	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	113463	19.43	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	126577	19.90	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	86674	20.12	ug/l	97
56) Ethyl methacrylate	9.18	69	120388	20.53	ug/l	99
57) 1,3-Dichloropropane	9.37	76	145807	20.08	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	316378	105.28	ug/l	100
59) 2-Hexanone	9.50	43	455244	95.25	ug/l	100
60) Dibromochloromethane	9.59	129	79403	18.92	ug/l	99
61) 1,2-Dibromoethane	9.67	107	88568	19.87	ug/l	98
64) Tetrachloroethene	9.34	164	88819	18.74	ug/l	93
65) Chlorobenzene	10.14	112	240149	19.94	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	79736	19.20	ug/l	99
67) Ethyl Benzene	10.25	91	388128	19.85	ug/l	93
68) m/p-Xylenes	10.36	106	301540	39.44	ug/l	94
69) o-Xylene	10.70	106	140153	19.38	ug/l	90
70) Styrene	10.71	104	239937	20.49	ug/l	96
71) Bromoform	10.86	173	58469	17.47	ug/l	99
73) Isopropylbenzene	11.02	105	405850	22.74	ug/l	98
74) N-amyl acetate	10.90	43	146730	21.35	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.27	83	130223	20.85	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	115921m	21.73	ug/l	
77) Bromobenzene	11.26	156	105747	21.12	ug/l	99
78) n-propylbenzene	11.36	91	458159	22.32	ug/l	100
79) 2-Chlorotoluene	11.42	91	274938	21.76	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	332574	22.50	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	34152	20.05	ug/l	96
82) 4-Chlorotoluene	11.51	91	314724	21.17	ug/l	99
83) tert-Butylbenzene	11.77	119	322490	21.69	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	345964	22.80	ug/l	100
85) sec-Butylbenzene	11.94	105	388217	21.99	ug/l	99
86) p-Isopropyltoluene	12.07	119	341396	21.58	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	199284	21.14	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	189908	19.16	ug/l	99
89) n-Butylbenzene	12.39	91	255963	19.89	ug/l	99
90) Hexachloroethane	12.60	117	43783	19.80	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	172168	19.98	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22232	20.21	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	127147	20.28	ug/l	99
94) Hexachlorobutadiene	13.79	225	59005	20.15	ug/l	100
95) Naphthalene	13.83	128	389109	21.95	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	142993	21.55	ug/l	100

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

