

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083018\
 Data File : VX004321.D
 Acq On : 30 Aug 2018 14:29
 Operator : JC/MD
 Sample : VX0830MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/31/2018 4:30:08 PM

Quant Time: Aug 30 15:32:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	303073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	440313	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	409416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	242560	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	196001	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
35) Dibromofluoromethane	5.50	113	167698	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
50) Toluene-d8	8.71	98	627153	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.14	95	230589	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	66535	18.95	ug/l	97
3) Chloromethane	1.32	50	75244	19.57	ug/l	99
4) Vinyl Chloride	1.40	62	76029	19.15	ug/l	98
5) Bromomethane	1.64	94	39088	18.70	ug/l	98
6) Chloroethane	1.72	64	58249	19.87	ug/l	100
7) Trichlorofluoromethane	1.93	101	102925	18.91	ug/l	97
8) Diethyl Ether	2.19	74	45962	19.72	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	63995	18.78	ug/l	99
10) Methyl Iodide	2.51	142	57650	17.98	ug/l	99
11) Tert butyl alcohol	3.07	59	86589	102.83	ug/l	100
12) 1,1-Dichloroethene	2.37	96	59188	18.43	ug/l	97
13) Acrolein	2.29	56	16773	82.62	ug/l	99
14) Allyl chloride	2.73	41	115434	19.57	ug/l	98
15) Acrylonitrile	3.15	53	208835	100.15	ug/l	99
16) Acetone	2.45	43	178388	105.98	ug/l	99
17) Carbon Disulfide	2.57	76	145008	16.80	ug/l	97
18) Methyl Acetate	2.78	43	147333	25.13	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	208783	19.73	ug/l	97
20) Methylene Chloride	2.86	84	74330	19.55	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	65072	18.31	ug/l	96
22) Diisopropyl ether	3.87	45	217619	19.76	ug/l	97
23) Vinyl Acetate	3.82	43	824991	92.42	ug/l	100
24) 1,1-Dichloroethane	3.70	63	127489	19.86	ug/l	100
25) 2-Butanone	4.71	43	271900	101.03	ug/l	99
26) 2,2-Dichloropropane	4.58	77	91787	18.23	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	74669	18.52	ug/l	99
28) Bromochloromethane	5.01	49	60113	21.15	ug/l	99
29) Tetrahydrofuran	5.16	42	169273	99.74	ug/l	99
30) Chloroform	5.21	83	125415	19.49	ug/l	96
31) Cyclohexane	5.57	56	102237	18.46	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	101944	19.00	ug/l	99
36) 1,1-Dichloropropene	5.80	75	90079	18.20	ug/l	99
37) Ethyl Acetate	4.86	43	94601	19.43	ug/l	100
38) Carbon Tetrachloride	5.78	117	86372	18.55	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	97509	17.25	ug/l	98
40) Benzene	6.14	78	286330	19.36	ug/l	100
41) Methacrylonitrile	5.06	41	56913	20.17	ug/l	99
42) 1,2-Dichloroethane	6.20	62	97553	19.34	ug/l	100
43) Isopropyl Acetate	6.46	43	144751	19.35	ug/l	99
44) Trichloroethene	7.21	130	75426	18.42	ug/l	99
45) 1,2-Dichloropropane	7.52	63	73621	19.89	ug/l	97
46) Dibromomethane	7.67	93	46759	18.97	ug/l	99
47) Bromodichloromethane	7.90	83	87588	19.10	ug/l	99
48) Methyl methacrylate	7.78	41	78033	19.49	ug/l	100
49) 1,4-Dioxane	7.76	88	34857	383.55	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	526433	96.85	ug/l	99
52) Toluene	8.79	92	180338	19.48	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	93618	18.48	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	106007	19.21	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	74424	19.91	ug/l	99
56) Ethyl methacrylate	9.18	69	97531	19.17	ug/l	99
57) 1,3-Dichloropropane	9.37	76	125328	19.89	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	281795	108.09	ug/l	99
59) 2-Hexanone	9.50	43	394964	95.25	ug/l	99
60) Dibromochloromethane	9.59	129	68064	18.69	ug/l	99
61) 1,2-Dibromoethane	9.67	107	74623	19.29	ug/l	100
64) Tetrachloroethene	9.34	164	76243	18.85	ug/l	97
65) Chlorobenzene	10.14	112	195676	19.04	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	10.22	131	66527	18.77	ug/l	98
67) Ethyl Benzene	10.25	91	319244	19.13	ug/l	93
68) m/p-Xylenes	10.36	106	253634	38.87	ug/l	100
69) o-Xylene	10.70	106	124405	20.16	ug/l	97
70) Styrene	10.71	104	203376	20.35	ug/l	99
71) Bromoform	10.86	173	50741	17.76	ug/l #	97
73) Isopropylbenzene	11.02	105	331447	20.81	ug/l	100
74) N-amyl acetate	10.90	43	119750	19.52	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	112946	20.26	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	101347m	20.54	ug/l	
77) Bromobenzene	11.26	156	91018	20.37	ug/l	99
78) n-propylbenzene	11.36	91	377807	20.62	ug/l	99
79) 2-Chlorotoluene	11.42	91	231478	20.53	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	276083	20.93	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	29059	19.11	ug/l	96
82) 4-Chlorotoluene	11.51	91	266296	20.07	ug/l	99
83) tert-Butylbenzene	11.77	119	268397	20.22	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	287573	21.23	ug/l	99
85) sec-Butylbenzene	11.94	105	323133	20.50	ug/l	100
86) p-Isopropyltoluene	12.07	119	281387	19.92	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	163256	19.40	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	160704	18.12	ug/l	96
89) n-Butylbenzene	12.39	91	216358	18.84	ug/l	98
90) Hexachloroethane	12.60	117	37691	19.09	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	154110	20.04	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18309	18.65	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	96324	17.22	ug/l	99
94) Hexachlorobutadiene	13.79	225	44866	17.15	ug/l	98
95) Naphthalene	13.83	128	294783	18.63	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	101756	17.18	ug/l	99

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

