

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090618\
 Data File : VX004398.D
 Acq On : 06 Sep 2018 21:07
 Operator : JC/MD
 Sample : VX0906MBSD01
 Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/7/2018 1:42:55 PM

Quant Time: Sep 07 08:01:22 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	5.66	168	347095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	510061	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	493162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	292780	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	211419	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	
35) Dibromofluoromethane	5.50	113	183216	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
50) Toluene-d8	8.71	98	688265	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
62) 4-Bromofluorobenzene	11.14	95	260759	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	64803	16.12	ug/l	97
3) Chloromethane	1.32	50	75838	17.26	ug/l	99
4) Vinyl Chloride	1.40	62	83281	18.31	ug/l	100
5) Bromomethane	1.64	94	39058	16.05	ug/l	96
6) Chloroethane	1.72	64	64461	19.20	ug/l	100
7) Trichlorofluoromethane	1.92	101	116250	18.65	ug/l	95
8) Diethyl Ether	2.18	74	55084	20.64	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	74508	19.09	ug/l	99
10) Methyl Iodide	2.51	142	71907	19.20	ug/l	97
11) Tert butyl alcohol	3.07	59	104649	108.52	ug/l	100
12) 1,1-Dichloroethene	2.37	96	69022	18.77	ug/l	99
13) Acrolein	2.29	56	23901	102.80	ug/l	99
14) Allyl chloride	2.73	41	132185	19.57	ug/l	97
15) Acrylonitrile	3.15	53	250963	105.08	ug/l	99
16) Acetone	2.45	43	202413	104.92	ug/l	99
17) Carbon Disulfide	2.57	76	154253	15.66	ug/l	98
18) Methyl Acetate	2.78	43	191968	28.60	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	255148	21.06	ug/l	98
20) Methylene Chloride	2.85	84	91033	20.90	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	74846	18.39	ug/l	95
22) Diisopropyl ether	3.87	45	258024	20.46	ug/l	99
23) Vinyl Acetate	3.82	43	928545	90.83	ug/l	98
24) 1,1-Dichloroethane	3.69	63	149605	20.35	ug/l	99
25) 2-Butanone	4.70	43	320978	104.23	ug/l	99
26) 2,2-Dichloropropane	4.58	77	83754	14.53	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	89269	19.34	ug/l	97
28) Bromochloromethane	5.01	49	68948	21.19	ug/l	99
29) Tetrahydrofuran	5.16	42	204001	104.96	ug/l	100
30) Chloroform	5.21	83	144758	19.64	ug/l	99
31) Cyclohexane	5.57	56	118699	18.71	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	117426	19.11	ug/l	100
36) 1,1-Dichloropropene	5.80	75	105400	18.38	ug/l	98
37) Ethyl Acetate	4.86	43	110836	19.65	ug/l	99
38) Carbon Tetrachloride	5.78	117	97829	18.14	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	117483	17.94	ug/l	99
40) Benzene	6.14	78	330416	19.28	ug/l	99
41) Methacrylonitrile	5.06	41	67069	20.52	ug/l	99
42) 1,2-Dichloroethane	6.20	62	111957	19.16	ug/l	99
43) Isopropyl Acetate	6.46	43	173480	20.02	ug/l	99
44) Trichloroethene	7.21	130	90540	19.09	ug/l	98
45) 1,2-Dichloropropane	7.52	63	86521	20.18	ug/l	100
46) Dibromomethane	7.66	93	54448	19.07	ug/l	99
47) Bromodichloromethane	7.90	83	99636	18.75	ug/l	99
48) Methyl methacrylate	7.78	41	92857	20.03	ug/l	97
49) 1,4-Dioxane	7.76	88	44746	425.03	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	624439	99.18	ug/l	100
52) Toluene	8.79	92	212928	19.85	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	106935	18.22	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	120888	18.91	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	88533	20.45	ug/l	98
56) Ethyl methacrylate	9.18	69	121812	20.67	ug/l	98
57) 1,3-Dichloropropane	9.37	76	148478	20.35	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	312905	103.61	ug/l	99
59) 2-Hexanone	9.50	43	470318	97.91	ug/l	99
60) Dibromochloromethane	9.59	129	79531	18.85	ug/l	99
61) 1,2-Dibromoethane	9.67	107	88901	19.84	ug/l	100
64) Tetrachloroethene	9.34	164	102134	20.96	ug/l	99
65) Chlorobenzene	10.14	112	237829	19.22	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	80149	18.77	ug/l	99
67) Ethyl Benzene	10.26	91	378493	18.83	ug/l	99
68) m/p-Xylenes	10.36	106	304386	38.73	ug/l	98
69) o-Xylene	10.70	106	146207	19.67	ug/l	99
70) Styrene	10.71	104	243517	20.23	ug/l	99
71) Bromoform	10.86	173	59735	17.36	ug/l	99
73) Isopropylbenzene	11.02	105	403239	20.97	ug/l	100
74) N-amyl acetate	10.90	43	146980	19.85	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	130563	19.40	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	119462m	20.06	ug/l	
77) Bromobenzene	11.26	156	106784	19.80	ug/l	98
78) n-propylbenzene	11.36	91	454342	20.54	ug/l	100
79) 2-Chlorotoluene	11.42	91	274528	20.17	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	335315	21.06	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	30740	16.75	ug/l	96
82) 4-Chlorotoluene	11.51	91	318987	19.91	ug/l	100
83) tert-Butylbenzene	11.77	119	323356	20.18	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	349946	21.41	ug/l	99
85) sec-Butylbenzene	11.94	105	408960	21.50	ug/l	100
86) p-Isopropyltoluene	12.07	119	363374	21.32	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	197059	19.40	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	202822	18.94	ug/l	99
89) n-Butylbenzene	12.39	91	279610	20.17	ug/l	100
90) Hexachloroethane	12.60	117	45092	18.92	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	182118	19.62	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22716	19.17	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	142446	21.09	ug/l	99
94) Hexachlorobutadiene	13.79	225	70002	22.20	ug/l	98
95) Naphthalene	13.83	128	438080	22.93	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	150953	21.11	ug/l	99

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

