

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083118\
 Data File : VX004331.D
 Acq On : 31 Aug 2018 17:27
 Operator : JC/MD
 Sample : VX0831MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/4/2018 12:10:41 PM

Quant Time: Sep 01 05:13:11 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	306184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	437029	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	411238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	249740	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	196075	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
35) Dibromofluoromethane	5.50	113	168556	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
50) Toluene-d8	8.71	98	625358	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
62) 4-Bromofluorobenzene	11.14	95	232363	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	66469	18.74	ug/l	98
3) Chloromethane	1.32	50	73840	19.02	ug/l	98
4) Vinyl Chloride	1.40	62	77233	19.25	ug/l	97
5) Bromomethane	1.64	94	39589	18.75	ug/l	99
6) Chloroethane	1.72	64	52021	17.58	ug/l	95
7) Trichlorofluoromethane	1.93	101	102896	18.72	ug/l	94
8) Diethyl Ether	2.18	74	46908	19.93	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	65519	19.03	ug/l	99
10) Methyl Iodide	2.51	142	64615	19.48	ug/l	98
11) Tert butyl alcohol	3.07	59	86786	102.02	ug/l	99
12) 1,1-Dichloroethene	2.37	96	60436	18.63	ug/l	93
13) Acrolein	2.29	56	48769	237.80	ug/l	98
14) Allyl chloride	2.73	41	119389	20.03	ug/l	96
15) Acrylonitrile	3.15	53	213827	101.50	ug/l	100
16) Acetone	2.45	43	183496	108.05	ug/l	100
17) Carbon Disulfide	2.57	76	151274	17.32	ug/l	100
18) Methyl Acetate	2.78	43	148336	25.05	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	211406	19.78	ug/l	96
20) Methylene Chloride	2.85	84	72272	18.81	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	65613	18.28	ug/l	98
22) Diisopropyl ether	3.87	45	221604	19.92	ug/l	93
23) Vinyl Acetate	3.82	43	840839	93.24	ug/l	100
24) 1,1-Dichloroethane	3.69	63	127697	19.69	ug/l	99
25) 2-Butanone	4.70	43	276926	101.87	ug/l	97
26) 2,2-Dichloropropane	4.58	77	96758	19.02	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	75608	18.57	ug/l	99
28) Bromochloromethane	5.01	49	60386	21.03	ug/l	97
29) Tetrahydrofuran	5.16	42	173816	101.37	ug/l	99
30) Chloroform	5.21	83	128539	19.77	ug/l	100
31) Cyclohexane	5.57	56	102353	18.29	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	106051	19.56	ug/l	99
36) 1,1-Dichloropropene	5.80	75	90992	18.52	ug/l	99
37) Ethyl Acetate	4.86	43	96039	19.88	ug/l	100
38) Carbon Tetrachloride	5.78	117	89751	19.42	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	103499	18.45	ug/l	99
40) Benzene	6.14	78	289313	19.71	ug/l	99
41) Methacrylonitrile	5.06	41	56823	20.29	ug/l	99
42) 1,2-Dichloroethane	6.20	62	98846	19.74	ug/l	99
43) Isopropyl Acetate	6.46	43	145999	19.66	ug/l	99
44) Trichloroethene	7.21	130	75516	18.58	ug/l	96
45) 1,2-Dichloropropane	7.52	63	74239	20.20	ug/l	98
46) Dibromomethane	7.66	93	48493	19.82	ug/l	99
47) Bromodichloromethane	7.90	83	91789	20.16	ug/l	99
48) Methyl methacrylate	7.78	41	79627	20.04	ug/l	99
49) 1,4-Dioxane	7.76	88	38706	429.10	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	530738	98.38	ug/l	99
52) Toluene	8.79	92	181533	19.75	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	97154	19.32	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	109753	20.04	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	76537	20.63	ug/l	98
56) Ethyl methacrylate	9.18	69	99337	19.67	ug/l	99
57) 1,3-Dichloropropane	9.37	76	127318	20.36	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	295122	114.05	ug/l	99
59) 2-Hexanone	9.50	43	403557	98.05	ug/l	99
60) Dibromochloromethane	9.59	129	71729	19.85	ug/l	100
61) 1,2-Dibromoethane	9.67	107	76656	19.97	ug/l	100
64) Tetrachloroethene	9.34	164	80931	19.92	ug/l	100
65) Chlorobenzene	10.14	112	194903	18.88	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	70445	19.79	ug/l	98
67) Ethyl Benzene	10.25	91	322240	19.22	ug/l	95
68) m/p-Xylenes	10.36	106	250009	38.15	ug/l	99
69) o-Xylene	10.70	106	121596	19.61	ug/l	99
70) Styrene	10.71	104	205104	20.43	ug/l	98
71) Bromoform	10.86	173	53544	18.66	ug/l #	99
73) Isopropylbenzene	11.02	105	343609	20.95	ug/l	100
74) N-amyl acetate	10.90	43	119654	18.95	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	116457	20.29	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	104984m	20.67	ug/l	
77) Bromobenzene	11.26	156	92370	20.08	ug/l	99
78) n-propylbenzene	11.36	91	390633	20.71	ug/l	100
79) 2-Chlorotoluene	11.42	91	235242	20.26	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	283896	20.90	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	29374	18.76	ug/l	96
82) 4-Chlorotoluene	11.51	91	274510	20.09	ug/l	100
83) tert-Butylbenzene	11.77	119	281865	20.62	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	293571	21.05	ug/l	99
85) sec-Butylbenzene	11.94	105	343275	21.16	ug/l	100
86) p-Isopropyltoluene	12.07	119	309491	21.28	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	169139	19.52	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	173615	19.01	ug/l	99
89) n-Butylbenzene	12.39	91	236068	19.96	ug/l	98
90) Hexachloroethane	12.60	117	41822	20.58	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	162145	20.48	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19541	19.33	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	109093	18.94	ug/l	97
94) Hexachlorobutadiene	13.79	225	61582	22.90	ug/l	97
95) Naphthalene	13.83	128	339211	20.82	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	124509	20.42	ug/l	99

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

