

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090518\
 Data File : VX004365.D
 Acq On : 05 Sep 2018 12:15
 Operator : JC/MD
 Sample : VX0905MBS01
 Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/6/2018 12:48:25 PM

Quant Time: Sep 06 01:11:12 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	320874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	469426	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	423351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	268953	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	191579	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
35) Dibromofluoromethane	5.50	113	163098	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
50) Toluene-d8	8.71	98	616824	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	
62) 4-Bromofluorobenzene	11.14	95	228526	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	67001	18.03	ug/l	99
3) Chloromethane	1.32	50	75662	18.60	ug/l	100
4) Vinyl Chloride	1.40	62	79111	18.82	ug/l	100
5) Bromomethane	1.64	94	39364	17.68	ug/l	98
6) Chloroethane	1.71	64	53135	17.15	ug/l	95
7) Trichlorofluoromethane	1.92	101	106950	18.56	ug/l	94
8) Diethyl Ether	2.19	74	48330	19.59	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	69060	19.14	ug/l	100
10) Methyl Iodide	2.51	142	62166	18.23	ug/l	97
11) Tert butyl alcohol	3.07	59	92096	103.31	ug/l	100
12) 1,1-Dichloroethene	2.37	96	63848	18.78	ug/l	97
13) Acrolein	2.29	56	21231	98.78	ug/l	95
14) Allyl chloride	2.73	41	126022	20.18	ug/l	96
15) Acrylonitrile	3.15	53	225124	101.97	ug/l	100
16) Acetone	2.45	43	193306	108.66	ug/l	99
17) Carbon Disulfide	2.57	76	150395	16.47	ug/l	99
18) Methyl Acetate	2.78	43	162145	26.13	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	228456	20.39	ug/l	97
20) Methylene Chloride	2.85	84	77193	19.17	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	68607	18.23	ug/l	96
22) Diisopropyl ether	3.87	45	236427	20.28	ug/l	99
23) Vinyl Acetate	3.82	43	883922	93.53	ug/l	100
24) 1,1-Dichloroethane	3.69	63	132953	19.56	ug/l	98
25) 2-Butanone	4.70	43	292672	102.76	ug/l	100
26) 2,2-Dichloropropane	4.58	77	102601	19.25	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	81318	19.06	ug/l	99
28) Bromochloromethane	5.01	49	59521	19.78	ug/l	100
29) Tetrahydrofuran	5.16	42	183593	102.17	ug/l	100
30) Chloroform	5.21	83	133370	19.57	ug/l	100
31) Cyclohexane	5.57	56	109818	18.73	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	109600	19.29	ug/l	99
36) 1,1-Dichloropropene	5.79	75	97017	18.38	ug/l	98
37) Ethyl Acetate	4.86	43	101203	19.50	ug/l	99
38) Carbon Tetrachloride	5.78	117	92719	18.68	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	110299	18.31	ug/l	98
40) Benzene	6.14	78	304521	19.31	ug/l	100
41) Methacrylonitrile	5.06	41	61401	20.41	ug/l	99
42) 1,2-Dichloroethane	6.20	62	102749	19.10	ug/l	99
43) Isopropyl Acetate	6.46	43	157106	19.70	ug/l	99
44) Trichloroethene	7.21	130	81648	18.70	ug/l	96
45) 1,2-Dichloropropane	7.52	63	77805	19.71	ug/l	98
46) Dibromomethane	7.66	93	49786	18.95	ug/l	99
47) Bromodichloromethane	7.90	83	93897	19.20	ug/l	99
48) Methyl methacrylate	7.78	41	83866	19.65	ug/l	99
49) 1,4-Dioxane	7.76	88	39493	407.61	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	560531	96.73	ug/l	100
52) Toluene	8.79	92	194363	19.69	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	102891	19.05	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	117206	19.92	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	80249	20.14	ug/l	99
56) Ethyl methacrylate	9.18	69	108018	19.91	ug/l	99
57) 1,3-Dichloropropane	9.37	76	134071	19.96	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	270353	97.27	ug/l	99
59) 2-Hexanone	9.50	43	426506	96.48	ug/l	99
60) Dibromochloromethane	9.59	129	73402	18.91	ug/l	99
61) 1,2-Dibromoethane	9.67	107	81073	19.66	ug/l	98
64) Tetrachloroethene	9.34	164	86496	20.68	ug/l	99
65) Chlorobenzene	10.14	112	211736	19.93	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	69846	19.06	ug/l	98
67) Ethyl Benzene	10.25	91	345533	20.02	ug/l	98
68) m/p-Xylenes	10.36	106	266878	39.55	ug/l	98
69) o-Xylene	10.70	106	130459	20.44	ug/l	99
70) Styrene	10.71	104	220144	21.30	ug/l	99
71) Bromoform	10.86	173	55400	18.75	ug/l #	99
73) Isopropylbenzene	11.02	105	367631	20.81	ug/l	100
74) N-amyl acetate	10.90	43	132472	19.48	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	118695	19.20	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	108858m	19.90	ug/l	
77) Bromobenzene	11.26	156	98528	19.88	ug/l	98
78) n-propylbenzene	11.36	91	418295	20.59	ug/l	100
79) 2-Chlorotoluene	11.42	91	250576	20.04	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	303991	20.78	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	31264	18.54	ug/l	96
82) 4-Chlorotoluene	11.51	91	292107	19.85	ug/l	100
83) tert-Butylbenzene	11.77	119	299604	20.36	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	309061	20.58	ug/l	98
85) sec-Butylbenzene	11.94	105	369976	21.17	ug/l	100
86) p-Isopropyltoluene	12.07	119	328666	20.99	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	177720	19.05	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	182549	18.56	ug/l	99
89) n-Butylbenzene	12.39	91	248643	19.53	ug/l	98
90) Hexachloroethane	12.60	117	42338	19.34	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	162295	19.03	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20523	18.85	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	126219	20.34	ug/l	99
94) Hexachlorobutadiene	13.79	225	66461	22.95	ug/l	96
95) Naphthalene	13.83	128	382486	21.80	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	134072	20.41	ug/l	99

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

