

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082718\
 Data File : VX004266.D
 Acq On : 27 Aug 2018 17:36
 Operator : JC/MD
 Sample : VX0827MBSD01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0827MBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/28/2018 3:54:29 PM

Quant Time: Aug 28 01:19:49 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	304064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	447648	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	428583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	257586	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	199938	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
35) Dibromofluoromethane	5.49	113	167472	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
50) Toluene-d8	8.71	98	613686	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
62) 4-Bromofluorobenzene	11.14	95	236686	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	60235	17.10	ug/l	98
3) Chloromethane	1.32	50	74144	19.23	ug/l	99
4) Vinyl Chloride	1.40	62	71842	18.03	ug/l	100
5) Bromomethane	1.64	94	38035	18.07	ug/l	97
6) Chloroethane	1.72	64	49446	16.84	ug/l	98
7) Trichlorofluoromethane	1.93	101	93164	17.06	ug/l	95
8) Diethyl Ether	2.18	74	49114	21.01	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	57144	16.71	ug/l	99
10) Methyl Iodide	2.51	142	39735	13.68	ug/l	98
11) Tert butyl alcohol	3.06	59	96539	114.28	ug/l	99
12) 1,1-Dichloroethene	2.37	96	57570	17.87	ug/l	95
13) Acrolein	2.29	56	20068	98.53	ug/l	96
14) Allyl chloride	2.73	41	113159	19.12	ug/l	99
15) Acrylonitrile	3.15	53	216816	103.63	ug/l	100
16) Acetone	2.44	43	188117	111.82	ug/l	99
17) Carbon Disulfide	2.57	76	139636	16.16	ug/l	99
18) Methyl Acetate	2.78	43	138898	23.62	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	228921	21.56	ug/l	99
20) Methylene Chloride	2.86	84	74407	19.50	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	64627	18.13	ug/l	98
22) Diisopropyl ether	3.87	45	229454	20.77	ug/l	98
23) Vinyl Acetate	3.82	43	928161	103.64	ug/l	100
24) 1,1-Dichloroethane	3.70	63	124939	19.40	ug/l	99
25) 2-Butanone	4.70	43	291911	108.31	ug/l	99
26) 2,2-Dichloropropane	4.58	77	95618	18.93	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	78523	19.42	ug/l	99
28) Bromochloromethane	5.01	49	58161	20.40	ug/l	99
29) Tetrahydrofuran	5.16	42	183429	107.73	ug/l	98
30) Chloroform	5.21	83	124505	19.28	ug/l	99
31) Cyclohexane	5.57	56	91239	16.42	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	97715	18.15	ug/l	99
36) 1,1-Dichloropropene	5.79	75	88618	17.61	ug/l	98
37) Ethyl Acetate	4.85	43	105061	21.23	ug/l	99
38) Carbon Tetrachloride	5.78	117	80729	17.05	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	87343	15.20	ug/l	99
40) Benzene	6.14	78	289528	19.25	ug/l	100
41) Methacrylonitrile	5.06	41	60185	20.98	ug/l	99
42) 1,2-Dichloroethane	6.20	62	101787	19.84	ug/l	100
43) Isopropyl Acetate	6.46	43	162142	21.32	ug/l	100
44) Trichloroethene	7.21	130	77558	18.63	ug/l	97
45) 1,2-Dichloropropane	7.51	63	73695	19.58	ug/l	100
46) Dibromomethane	7.66	93	48781	19.47	ug/l	99
47) Bromodichloromethane	7.90	83	87268	18.72	ug/l	100
48) Methyl methacrylate	7.77	41	83558	20.53	ug/l	98
49) 1,4-Dioxane	7.76	88	39346	425.85	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	554758	100.39	ug/l	99
52) Toluene	8.78	92	183710	19.52	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	100727	19.56	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	111777	19.92	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	78177	20.57	ug/l	97
56) Ethyl methacrylate	9.18	69	108535	20.98	ug/l	99
57) 1,3-Dichloropropane	9.37	76	130574	20.39	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	293932	110.90	ug/l	100
59) 2-Hexanone	9.49	43	427725	101.46	ug/l	99
60) Dibromochloromethane	9.59	129	70284	18.98	ug/l	100
61) 1,2-Dibromoethane	9.67	107	80119	20.37	ug/l	99
64) Tetrachloroethene	9.34	164	74070	17.49	ug/l	98
65) Chlorobenzene	10.14	112	207842	19.32	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	71562	19.29	ug/l	99
67) Ethyl Benzene	10.25	91	330283	18.91	ug/l	99
68) m/p-Xylenes	10.36	106	267880	39.22	ug/l	98
69) o-Xylene	10.70	106	127541	19.74	ug/l	100
70) Styrene	10.71	104	211761	20.24	ug/l	99
71) Bromoform	10.86	173	53180	17.78	ug/l #	98
73) Isopropylbenzene	11.02	105	331306	19.58	ug/l	100
74) N-amyl acetate	10.90	43	133433	20.48	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	119681	20.21	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	111151m	21.22	ug/l	
77) Bromobenzene	11.26	156	95036	20.03	ug/l	98
78) n-propylbenzene	11.36	91	376132	19.33	ug/l	100
79) 2-Chlorotoluene	11.42	91	235130	19.63	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	267981	19.13	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	32018	19.83	ug/l	97
82) 4-Chlorotoluene	11.51	91	273536	19.41	ug/l	99
83) tert-Butylbenzene	11.77	119	268211	19.03	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	289486	20.13	ug/l	100
85) sec-Butylbenzene	11.94	105	308193	18.42	ug/l	99
86) p-Isopropyltoluene	12.07	119	283154	18.88	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	173412	19.41	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	179332	19.04	ug/l	98
89) n-Butylbenzene	12.39	91	219585	18.01	ug/l	98
90) Hexachloroethane	12.60	117	35726	17.04	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	164493	20.14	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21001	20.14	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	110696	18.63	ug/l	98
94) Hexachlorobutadiene	13.79	225	42918	15.43	ug/l	96
95) Naphthalene	13.83	128	376882	22.43	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	125340	19.93	ug/l	99

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

