

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002527.D
 Acq On : 14 Jun 2018 00:28
 Operator : JC/MD
 Sample : VX0613MBSD01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613MBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/14/2018 11:29:27 AM

Quant Time: Jun 14 03:53:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	178267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	269821	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	262851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	163623	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	138001	54.44	ug/l	0.00
Spiked Amount			Recovery	=	108.88%	
35) Dibromofluoromethane	5.51	113	103299	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	
50) Toluene-d8	8.72	98	382168	46.99	ug/l	0.00
Spiked Amount			Recovery	=	93.98%	
62) 4-Bromofluorobenzene	11.14	95	145314	46.33	ug/l	0.00
Spiked Amount			Recovery	=	92.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	31212	16.843	ug/l	97
3) Chloromethane	1.32	50	42249	18.063	ug/l	98
4) Vinyl Chloride	1.40	62	45431	19.452	ug/l	98
5) Bromomethane	1.64	94	30157	20.872	ug/l	99
6) Chloroethane	1.72	64	32131	21.268	ug/l	97
7) Trichlorofluoromethane	1.93	101	78529	22.068	ug/l	98
8) Diethyl Ether	2.19	74	32282	24.297	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	42898	22.339	ug/l	99
10) Methyl Iodide	2.51	142	50078	18.540	ug/l	98
11) Tert butyl alcohol	3.08	59	73748	131.800	ug/l	98
12) 1,1-Dichloroethene	2.37	96	40398	21.287	ug/l	92
13) Acrolein	2.29	56	18646	66.505	ug/l	99
14) Allyl chloride	2.73	41	84603	20.542	ug/l	99
15) Acrylonitrile	3.15	53	150061	133.810	ug/l	100
16) Acetone	2.45	43	141841	119.356	ug/l	100
17) Carbon Disulfide	2.57	76	80173	16.029	ug/l	99
18) Methyl Acetate	2.78	43	73553	27.591	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	172564	24.912	ug/l	100
20) Methylene Chloride	2.86	84	50539	23.615	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	43710	20.886	ug/l	98
22) Diisopropyl ether	3.88	45	150217	20.969	ug/l	97
23) Vinyl Acetate	3.83	43	644340	96.509	ug/l	100
24) 1,1-Dichloroethane	3.70	63	78072	19.180	ug/l	99
25) 2-Butanone	4.71	43	185052	105.871	ug/l	99
26) 2,2-Dichloropropane	4.59	77	44640	14.030	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	45182	19.852	ug/l	95
28) Bromochloromethane	5.03	49	39413	20.679	ug/l	98
29) Tetrahydrofuran	5.17	42	120309	106.757	ug/l	99
30) Chloroform	5.22	83	82012	20.879	ug/l	97
31) Cyclohexane	5.58	56	57031	17.718	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	64956	19.500	ug/l	99
36) 1,1-Dichloropropene	5.81	75	51750	18.244	ug/l	98
37) Ethyl Acetate	4.87	43	72014	21.110	ug/l	98
38) Carbon Tetrachloride	5.78	117	53605	18.064	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	56014	16.162	ug/l	99
40) Benzene	6.15	78	169017	19.433	ug/l	100
41) Methacrylonitrile	5.07	41	40092	20.530	ug/l	96
42) 1,2-Dichloroethane	6.20	62	71180	20.599	ug/l	100
43) Isopropyl Acetate	6.47	43	114869	19.825	ug/l	100
44) Trichloroethene	7.22	130	46380	19.214	ug/l	95
45) 1,2-Dichloropropane	7.52	63	45763	19.490	ug/l	99
46) Dibromomethane	7.67	93	33257	20.894	ug/l	96
47) Bromodichloromethane	7.90	83	54994	19.103	ug/l	98
48) Methyl methacrylate	7.78	41	59341	20.389	ug/l	98
49) 1,4-Dioxane	7.76	88	24563	451.371	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	393141	108.955	ug/l	99
52) Toluene	8.79	92	108320	19.582	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	62034	17.969	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	56615	17.382	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	48531	21.331	ug/l	98
56) Ethyl methacrylate	9.18	69	70691	19.462	ug/l	98
57) 1,3-Dichloropropane	9.38	76	79713	20.884	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	176638	105.068	ug/l	100
59) 2-Hexanone	9.50	43	299149	107.335	ug/l	100
60) Dibromochloromethane	9.59	129	43583	19.045	ug/l	99
61) 1,2-Dibromoethane	9.68	107	49554	20.889	ug/l	100
64) Tetrachloroethene	9.34	164	51607	19.037	ug/l	96
65) Chlorobenzene	10.14	112	129625	19.819	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	45920	19.390	ug/l	98
67) Ethyl Benzene	10.26	91	213038	19.463	ug/l	99
68) m/p-Xylenes	10.36	106	162464	38.183	ug/l	100
69) o-Xylene	10.70	106	81910	19.345	ug/l	98
70) Styrene	10.71	104	135708	19.605	ug/l	99
71) Bromoform	10.86	173	32630	17.778	ug/l #	97
73) Isopropylbenzene	11.02	105	217492	19.108	ug/l	100
74) N-amyl acetate	6.47	43	114869	18.729	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	73804	20.616	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	63139m	17.586	ug/l	
77) Bromobenzene	11.26	156	61262	19.171	ug/l	100
78) n-propylbenzene	11.37	91	248180	19.617	ug/l	99
79) 2-Chlorotoluene	11.43	91	150243	18.808	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	186064	19.058	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	14223	13.886	ug/l #	80
82) 4-Chlorotoluene	11.51	91	177558	19.257	ug/l	100
83) tert-Butylbenzene	11.77	119	179037	18.832	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	191848	19.090	ug/l	99
85) sec-Butylbenzene	11.95	105	216953	19.466	ug/l	100
86) p-Isopropyltoluene	12.07	119	194344	19.144	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	110597	19.357	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	113473	19.268	ug/l	99
89) n-Butylbenzene	12.39	91	164611	19.334	ug/l	99
90) Hexachloroethane	12.60	117	26170	16.149	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	116114	19.642	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15245	19.473	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	80919	19.521	ug/l	99
94) Hexachlorobutadiene	13.79	225	40636	19.839	ug/l	99
95) Naphthalene	13.84	128	235258	19.753	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	84945	20.094	ug/l	99

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

