

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002931.D
 Acq On : 27 Jun 2018 12:59
 Operator : JC/MD
 Sample : VX0627MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0627MBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 4:47:52 PM

Quant Time: Jun 28 03:46:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	263356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	361213	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	345378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	214953	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	182683	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
35) Dibromofluoromethane	5.51	113	144668	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
50) Toluene-d8	8.72	98	529076	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
62) 4-Bromofluorobenzene	11.14	95	201420	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	44540	18.75	ug/l	98
3) Chloromethane	1.32	50	49303	19.47	ug/l	98
4) Vinyl Chloride	1.41	62	54904	18.43	ug/l	97
5) Bromomethane	1.64	94	29647	19.67	ug/l	99
6) Chloroethane	1.73	64	35448	18.97	ug/l	99
7) Trichlorofluoromethane	1.93	101	97350	19.38	ug/l	98
8) Diethyl Ether	2.19	74	35104	19.22	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	55462	19.05	ug/l	99
10) Methyl Iodide	2.51	142	47968	20.45	ug/l	99
11) Tert butyl alcohol	3.07	59	72277	99.67	ug/l	99
12) 1,1-Dichloroethene	2.37	96	48564	18.70	ug/l	94
13) Acrolein	2.29	56	49393	125.01	ug/l	98
14) Allyl chloride	2.73	41	97629	19.07	ug/l	99
15) Acrylonitrile	3.15	53	153170	98.89	ug/l	99
16) Acetone	2.45	43	158293	105.01	ug/l	97
17) Carbon Disulfide	2.57	76	119728	17.30	ug/l	99
18) Methyl Acetate	2.78	43	91923	21.81	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	182623	19.56	ug/l	99
20) Methylene Chloride	2.86	84	56357	19.21	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	52610	18.60	ug/l	97
22) Diisopropyl ether	3.87	45	193384	19.76	ug/l	96
23) Vinyl Acetate	3.83	43	798946	96.41	ug/l	100
24) 1,1-Dichloroethane	3.70	63	103649	19.49	ug/l	99
25) 2-Butanone	4.71	43	226358	101.18	ug/l	97
26) 2,2-Dichloropropane	4.59	77	81042	18.74	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	61039	19.24	ug/l	98
28) Bromochloromethane	5.03	49	53020	20.82	ug/l	97
29) Tetrahydrofuran	5.17	42	141503	98.63	ug/l	99
30) Chloroform	5.22	83	107339	19.66	ug/l	97
31) Cyclohexane	5.58	56	84969	18.61	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	92461	19.25	ug/l	100
36) 1,1-Dichloropropene	5.81	75	74199	18.73	ug/l	98
37) Ethyl Acetate	4.86	43	84154	19.73	ug/l	99
38) Carbon Tetrachloride	5.78	117	82670	19.02	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86534	18.75	ug/l	99
40) Benzene	6.15	78	225180	19.56	ug/l	97
41) Methacrylonitrile	5.07	41	48739	19.85	ug/l	99
42) 1,2-Dichloroethane	6.20	62	89910	19.34	ug/l	98
43) Isopropyl Acetate	6.47	43	135445	18.94	ug/l	99
44) Trichloroethene	7.22	130	63960	18.64	ug/l	99
45) 1,2-Dichloropropane	7.52	63	58984	19.32	ug/l	100
46) Dibromomethane	7.67	93	41131	19.41	ug/l	99
47) Bromodichloromethane	7.90	83	76447	19.52	ug/l	97
48) Methyl methacrylate	7.78	41	72139	19.57	ug/l	98
49) 1,4-Dioxane	7.76	88	28459	396.88	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	448535	100.22	ug/l	99
52) Toluene	8.79	92	146687	19.89	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	87334	19.69	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	79893	18.72	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	60196	19.87	ug/l	95
56) Ethyl methacrylate	9.18	69	84904	19.17	ug/l	97
57) 1,3-Dichloropropane	9.37	76	99041	19.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	217479	101.80	ug/l	99
59) 2-Hexanone	9.50	43	345662	101.63	ug/l	99
60) Dibromochloromethane	9.59	129	61228	19.20	ug/l	100
61) 1,2-Dibromoethane	9.68	107	63105	19.86	ug/l	100
64) Tetrachloroethene	9.34	164	70290	18.30	ug/l	96
65) Chlorobenzene	10.14	112	168511	19.21	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	61498	19.30	ug/l	100
67) Ethyl Benzene	10.26	91	283141	19.54	ug/l	97
68) m/p-Xylenes	10.36	106	219109	39.23	ug/l	99
69) o-Xylene	10.70	106	105487	19.40	ug/l	100
70) Styrene	10.71	104	171833	19.45	ug/l	99
71) Bromoform	10.86	173	47063	18.97	ug/l	99
73) Isopropylbenzene	11.02	105	291906	20.19	ug/l	99
74) N-amyl acetate	6.47	43	135445	19.14	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	89134	20.01	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	79552m	20.43	ug/l	
77) Bromobenzene	11.26	156	80834	19.63	ug/l	98
78) n-propylbenzene	11.36	91	329367	20.01	ug/l	99
79) 2-Chlorotoluene	11.42	91	198775	19.95	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	246972	20.28	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21824	18.53	ug/l	94
82) 4-Chlorotoluene	11.51	91	232597	19.72	ug/l	100
83) tert-Butylbenzene	11.77	119	242900	20.24	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	253079	20.06	ug/l	99
85) sec-Butylbenzene	11.95	105	295233	20.28	ug/l	100
86) p-Isopropyltoluene	12.07	119	262294	20.04	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	147784	19.65	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	150069	19.39	ug/l	99
89) n-Butylbenzene	12.39	91	221012	19.40	ug/l	99
90) Hexachloroethane	12.60	117	37828	19.43	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	149002	19.63	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19224	19.20	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	105264	19.05	ug/l	98
94) Hexachlorobutadiene	13.79	225	53821	19.53	ug/l	99
95) Naphthalene	13.83	128	294770	20.03	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	108756	19.71	ug/l	100

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

