

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002906.D
 Acq On : 26 Jun 2018 21:04
 Operator : JC/MD
 Sample : VX0626MBSD02
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0626MBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 3:12:09 PM

Quant Time: Jun 27 04:04:44 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	258025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	359691	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	339788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	210536	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	183081	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
35) Dibromofluoromethane	5.51	113	144361	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	8.72	98	521456	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.14	95	196130	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43229	18.58	ug/l	97
3) Chloromethane	1.32	50	48194	19.42	ug/l	99
4) Vinyl Chloride	1.40	62	54393	18.64	ug/l	95
5) Bromomethane	1.64	94	27032	18.11	ug/l	100
6) Chloroethane	1.72	64	35872	19.67	ug/l	98
7) Trichlorofluoromethane	1.93	101	94546	19.21	ug/l	98
8) Diethyl Ether	2.19	74	35367	19.76	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53140	18.63	ug/l	99
10) Methyl Iodide	2.51	142	46566	20.32	ug/l	100
11) Tert butyl alcohol	3.07	59	75777	106.66	ug/l	97
12) 1,1-Dichloroethene	2.37	96	47921	18.83	ug/l	95
13) Acrolein	2.29	56	49104	126.79	ug/l	99
14) Allyl chloride	2.73	41	99951	19.93	ug/l	97
15) Acrylonitrile	3.15	53	154981	102.13	ug/l	100
16) Acetone	2.45	43	145524	98.53	ug/l	100
17) Carbon Disulfide	2.57	76	123707	18.25	ug/l	98
18) Methyl Acetate	2.78	43	91635	22.19	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	184232	20.14	ug/l	98
20) Methylene Chloride	2.86	84	56833	19.77	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	52401	18.91	ug/l	95
22) Diisopropyl ether	3.87	45	192412	20.07	ug/l	93
23) Vinyl Acetate	3.83	43	795755	98.01	ug/l	99
24) 1,1-Dichloroethane	3.70	63	103018	19.77	ug/l	99
25) 2-Butanone	4.71	43	224040	102.21	ug/l	98
26) 2,2-Dichloropropane	4.58	77	69263	16.34	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	60175	19.36	ug/l	100
28) Bromochloromethane	5.02	49	50619	20.29	ug/l	95
29) Tetrahydrofuran	5.17	42	142722	101.54	ug/l	97
30) Chloroform	5.22	83	106972	20.00	ug/l	98
31) Cyclohexane	5.57	56	82648	18.48	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	93112	19.79	ug/l	99
36) 1,1-Dichloropropene	5.80	75	74106	18.79	ug/l	99
37) Ethyl Acetate	4.87	43	84379	19.87	ug/l	99
38) Carbon Tetrachloride	5.78	117	81467	18.82	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	81779	17.80	µg/l	98
40) Benzene	6.15	78	223932	19.54	µg/l	100
41) Methacrylonitrile	5.07	41	48653	19.89	µg/l	98
42) 1,2-Dichloroethane	6.20	62	90838	19.62	µg/l	100
43) Isopropyl Acetate	6.47	43	138622	19.46	µg/l	99
44) Trichloroethene	7.21	130	65421	19.15	µg/l	96
45) 1,2-Dichloropropane	7.52	63	59131	19.45	µg/l	100
46) Dibromomethane	7.67	93	40870	19.37	µg/l	95
47) Bromodichloromethane	7.90	83	78069	20.02	µg/l	99
48) Methyl methacrylate	7.78	41	72280	19.69	µg/l	98
49) 1,4-Dioxane	7.76	88	28846	403.98	µg/l	98
51) 4-Methyl-2-Pentanone	8.65	43	457358	102.63	µg/l	99
52) Toluene	8.79	92	143082	19.49	µg/l	100
53) t-1,3-Dichloropropene	8.44	75	84956	19.23	µg/l	98
54) cis-1,3-Dichloropropene	9.04	75	78206	18.40	µg/l	97
55) 1,1,2-Trichloroethane	9.22	97	60028	19.90	µg/l	98
56) Ethyl methacrylate	9.18	69	85464	19.38	µg/l	98
57) 1,3-Dichloropropane	9.37	76	98488	19.88	µg/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	216934	101.98	µg/l	99
59) 2-Hexanone	9.50	43	345525	102.02	µg/l	98
60) Dibromochloromethane	9.59	129	62077	19.55	µg/l	99
61) 1,2-Dibromoethane	9.68	107	62960	19.90	µg/l	100
64) Tetrachloroethene	9.34	164	72580	19.21	µg/l	97
65) Chlorobenzene	10.14	112	167900	19.45	µg/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	62386	19.90	µg/l	98
67) Ethyl Benzene	10.26	91	277709	19.48	µg/l	99
68) m/p-Xylenes	10.36	106	213364	38.83	µg/l	99
69) o-Xylene	10.70	106	105292	19.68	µg/l	99
70) Styrene	10.71	104	169511	19.50	µg/l	99
71) Bromoform	10.86	173	46675	19.09	µg/l	# 100
73) Isopropylbenzene	11.02	105	284326	20.07	µg/l	100
74) N-amyl acetate	6.47	43	138622	20.00	µg/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	90159	20.66	µg/l	100
76) 1,2,3-Trichloropropane	11.30	75	88579m	23.23	µg/l	
77) Bromobenzene	11.26	156	79955	19.82	µg/l	99
78) n-propylbenzene	11.37	91	320964	19.91	µg/l	99
79) 2-Chlorotoluene	11.42	91	195128	19.99	µg/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	238894	20.03	µg/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	20492	17.90	µg/l	94
82) 4-Chlorotoluene	11.51	91	230162	19.92	µg/l	100
83) tert-Butylbenzene	11.77	119	237049	20.16	µg/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	248383	20.10	µg/l	99
85) sec-Butylbenzene	11.95	105	284982	19.98	µg/l	100
86) p-Isopropyltoluene	12.07	119	255399	19.92	µg/l	99
87) 1,3-Dichlorobenzene	12.03	146	145883	19.80	µg/l	99
88) 1,4-Dichlorobenzene	12.10	146	146463	19.32	µg/l	99
89) n-Butylbenzene	12.39	91	212358	19.03	µg/l	99
90) Hexachloroethane	12.60	117	35336	18.53	µg/l	99
91) 1,2-Dichlorobenzene	12.40	146	146940	19.76	µg/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18585	18.95	µg/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104495	19.31	ug/l	99
94) Hexachlorobutadiene	13.79	225	50720	18.79	ug/l	99
95) Naphthalene	13.84	128	294494	20.43	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	108175	20.01	ug/l	100

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

