

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
 Data File : VX003295.D
 Acq On : 10 Jul 2018 20:09
 Operator : JC/MD
 Sample : VX0710MBSD01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0710MBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/11/2018 3:09:27 PM

Quant Time: Jul 11 01:21:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	235881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	296421	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	279217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197467	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	188182	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
35) Dibromofluoromethane	5.51	113	158555	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	8.72	98	580938	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
62) 4-Bromofluorobenzene	11.14	95	213027	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	75301	21.00	ug/l	99
3) Chloromethane	1.32	50	64508	19.78	ug/l	99
4) Vinyl Chloride	1.40	62	65940	19.70	ug/l	100
5) Bromomethane	1.64	94	24134	24.51	ug/l	98
6) Chloroethane	1.72	64	37111	20.02	ug/l	99
7) Trichlorofluoromethane	1.93	101	99613	20.02	ug/l	99
8) Diethyl Ether	2.19	74	35539	19.76	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	57302	19.67	ug/l	96
10) Methyl Iodide	2.51	142	53505	20.41	ug/l	96
11) Tert butyl alcohol	3.08	59	79585	118.25	ug/l	98
12) 1,1-Dichloroethene	2.37	96	51394	19.39	ug/l	91
13) Acrolein	2.30	56	47657	87.87	ug/l	99
14) Allyl chloride	2.73	41	93989	19.14	ug/l	95
15) Acrylonitrile	3.15	53	155465	103.45	ug/l	99
16) Acetone	2.45	43	147541	111.95	ug/l	95
17) Carbon Disulfide	2.57	76	134932	18.32	ug/l	98
18) Methyl Acetate	2.78	43	89713	24.13	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	177555	20.05	ug/l	99
20) Methylene Chloride	2.86	84	60187	21.89	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	55518	19.65	ug/l	90
22) Diisopropyl ether	3.88	45	185745	18.60	ug/l	99
23) Vinyl Acetate	3.83	43	811636	95.71	ug/l	100
24) 1,1-Dichloroethane	3.70	63	105104	20.22	ug/l	99
25) 2-Butanone	4.72	43	253722	108.80	ug/l	98
26) 2,2-Dichloropropane	4.59	77	69737	15.34	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	67313	19.38	ug/l	92
28) Bromochloromethane	5.03	49	52699	20.12	ug/l	90
29) Tetrahydrofuran	5.17	42	161788	106.89	ug/l	97
30) Chloroform	5.22	83	116840	20.43	ug/l	99
31) Cyclohexane	5.58	56	95635	19.64	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	102896	20.40	ug/l	98
36) 1,1-Dichloropropene	5.81	75	80804	19.26	ug/l	97
37) Ethyl Acetate	4.87	43	93963	20.43	ug/l	97
38) Carbon Tetrachloride	5.79	117	92187	20.08	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	92922	18.80	ug/l	98
40) Benzene	6.15	78	254293	20.45	ug/l	100
41) Methacrylonitrile	5.07	41	52398	20.81	ug/l	96
42) 1,2-Dichloroethane	6.20	62	94917	20.43	ug/l	98
43) Isopropyl Acetate	6.48	43	146398	20.27	ug/l	97
44) Trichloroethene	7.22	130	75218	20.46	ug/l	97
45) 1,2-Dichloropropane	7.52	63	65022	20.11	ug/l	96
46) Dibromomethane	7.67	93	44069	20.00	ug/l	93
47) Bromodichloromethane	7.90	83	82767	20.36	ug/l	100
48) Methyl methacrylate	7.79	41	77679	20.97	ug/l	93
49) 1,4-Dioxane	7.76	88	33825	436.65	ug/l #	80
51) 4-Methyl-2-Pentanone	8.65	43	489388	108.82	ug/l	96
52) Toluene	8.79	92	161595	20.56	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	91448	19.11	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	83595	19.20	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	66698	20.45	ug/l	97
56) Ethyl methacrylate	9.19	69	91437	20.47	ug/l	92
57) 1,3-Dichloropropane	9.38	76	105898	20.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	271648	126.08	ug/l	97
59) 2-Hexanone	9.50	43	380653	111.44	ug/l	96
60) Dibromochloromethane	9.59	129	69078	20.29	ug/l	99
61) 1,2-Dibromoethane	9.68	107	71033	20.78	ug/l	99
64) Tetrachloroethene	9.34	164	89788	21.27	ug/l	99
65) Chlorobenzene	10.14	112	186961	19.71	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	69303	20.25	ug/l	99
67) Ethyl Benzene	10.26	91	301036	19.62	ug/l	100
68) m/p-Xylenes	10.36	106	241460	40.45	ug/l	97
69) o-Xylene	10.70	106	115291	19.94	ug/l	97
70) Styrene	10.71	104	190582	20.33	ug/l	97
71) Bromoform	10.86	173	54936	19.51	ug/l	100
73) Isopropylbenzene	11.02	105	316225	20.28	ug/l	99
74) N-amyl acetate	6.48	43	146398	19.68	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	96213	19.90	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	84581m	19.82	ug/l	
77) Bromobenzene	11.26	156	91816	20.40	ug/l	94
78) n-propylbenzene	11.37	91	349832	20.18	ug/l	98
79) 2-Chlorotoluene	11.43	91	212127	20.09	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	266605	20.54	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	22327	17.10	ug/l	99
82) 4-Chlorotoluene	11.51	91	244750	19.85	ug/l	97
83) tert-Butylbenzene	11.77	119	255568	19.71	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	273152	20.55	ug/l	97
85) sec-Butylbenzene	11.95	105	309662	20.20	ug/l	99
86) p-Isopropyltoluene	12.07	119	275338	19.72	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	161575	19.57	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	161576	19.33	ug/l	99
89) n-Butylbenzene	12.39	91	222348	19.06	ug/l	99
90) Hexachloroethane	12.60	117	39692	18.62	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	161610	19.49	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20791	20.04	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	112387	18.62	ug/l	100
94) Hexachlorobutadiene	13.79	225	58224	19.38	ug/l	99
95) Naphthalene	13.84	128	320266	20.29	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	117451	19.52	ug/l	99

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

