

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
 Data File : VX003284.D
 Acq On : 10 Jul 2018 15:15
 Operator : JC/MD
 Sample : VX0710MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/11/2018 3:09:26 PM

Quant Time: Jul 10 16:51:54 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	243948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	304556	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200094	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	188562	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
35) Dibromofluoromethane	5.51	113	157082	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
50) Toluene-d8	8.72	98	586030	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.14	95	213138	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	76826	20.72	ug/l	97
3) Chloromethane	1.32	50	63884	18.95	ug/l	99
4) Vinyl Chloride	1.40	62	64794	18.72	ug/l	100
5) Bromomethane	1.64	94	22791	22.18	ug/l	98
6) Chloroethane	1.72	64	36824	19.20	ug/l	97
7) Trichlorofluoromethane	1.93	101	98351	19.12	ug/l	98
8) Diethyl Ether	2.19	74	33673	18.11	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	56484	18.75	ug/l	96
10) Methyl Iodide	2.51	142	45390	17.76	ug/l	97
11) Tert butyl alcohol	3.08	59	73329	105.35	ug/l	100
12) 1,1-Dichloroethene	2.37	96	49950	18.22	ug/l	93
13) Acrolein	2.30	56	46497	82.90	ug/l	100
14) Allyl chloride	2.73	41	92531	18.22	ug/l	96
15) Acrylonitrile	3.15	53	151905	97.74	ug/l	99
16) Acetone	2.45	43	132409	97.14	ug/l	95
17) Carbon Disulfide	2.57	76	128800	16.91	ug/l	97
18) Methyl Acetate	2.78	43	82249	21.39	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	172543	18.84	ug/l	100
20) Methylene Chloride	2.86	84	55812	19.55	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	54749	18.74	ug/l	92
22) Diisopropyl ether	3.88	45	184106	17.82	ug/l	98
23) Vinyl Acetate	3.83	43	800145	91.23	ug/l	98
24) 1,1-Dichloroethane	3.70	63	103140	19.18	ug/l	98
25) 2-Butanone	4.72	43	249772	103.56	ug/l	96
26) 2,2-Dichloropropane	4.59	77	87350	18.57	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	68006	18.94	ug/l	93
28) Bromochloromethane	5.03	49	53632	19.80	ug/l	89
29) Tetrahydrofuran	5.17	42	158335	101.15	ug/l	96
30) Chloroform	5.22	83	115051	19.45	ug/l	99
31) Cyclohexane	5.57	56	96918	19.25	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	100290	19.22	ug/l	98
36) 1,1-Dichloropropene	5.80	75	82554	19.15	ug/l	98
37) Ethyl Acetate	4.87	43	94467	19.99	ug/l	99
38) Carbon Tetrachloride	5.78	117	88425	18.75	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	95383	18.78	ug/l	97
40) Benzene	6.15	78	251853	19.71	ug/l	100
41) Methacrylonitrile	5.07	41	53031	20.49	ug/l	96
42) 1,2-Dichloroethane	6.21	62	91581	19.19	ug/l	97
43) Isopropyl Acetate	6.48	43	145410	19.59	ug/l	97
44) Trichloroethene	7.22	130	73938	19.57	ug/l	100
45) 1,2-Dichloropropane	7.52	63	63805	19.21	ug/l	98
46) Dibromomethane	7.67	93	43886	19.38	ug/l	94
47) Bromodichloromethane	7.90	83	77854	18.64	ug/l	99
48) Methyl methacrylate	7.79	41	74682	19.62	ug/l	94
49) 1,4-Dioxane	7.76	88	32320	406.08	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	482490	104.42	ug/l	97
52) Toluene	8.79	92	159484	19.75	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	93433	19.01	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	83560	18.68	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	65155	19.45	ug/l	97
56) Ethyl methacrylate	9.18	69	89576	19.52	ug/l	92
57) 1,3-Dichloropropane	9.38	76	105592	19.57	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	239760	108.31	ug/l	96
59) 2-Hexanone	9.50	43	373457	106.41	ug/l	96
60) Dibromochloromethane	9.59	129	64165	18.34	ug/l	99
61) 1,2-Dibromoethane	9.68	107	68508	19.51	ug/l	99
64) Tetrachloroethene	9.34	164	85365	20.08	ug/l	99
65) Chlorobenzene	10.14	112	182823	19.13	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	66739	19.36	ug/l	99
67) Ethyl Benzene	10.26	91	301363	19.50	ug/l	100
68) m/p-Xylenes	10.36	106	235608	39.19	ug/l	99
69) o-Xylene	10.70	106	112709	19.35	ug/l	98
70) Styrene	10.71	104	185691	19.66	ug/l	98
71) Bromoform	10.86	173	50004	17.63	ug/l #	100
73) Isopropylbenzene	11.02	105	310827	19.67	ug/l	99
74) N-amyl acetate	6.48	43	145410	19.29	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	96387	19.67	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	83709m	19.36	ug/l	
77) Bromobenzene	11.26	156	88619	19.43	ug/l	95
78) n-propylbenzene	11.37	91	350113	19.93	ug/l	98
79) 2-Chlorotoluene	11.43	91	209751	19.60	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	259964	19.76	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	22622	17.10	ug/l	93
82) 4-Chlorotoluene	11.51	91	245856	19.68	ug/l	99
83) tert-Butylbenzene	11.77	119	251485	19.14	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	265621	19.72	ug/l	97
85) sec-Butylbenzene	11.95	105	304515	19.61	ug/l	100
86) p-Isopropyltoluene	12.07	119	275874	19.50	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	158309	18.92	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	159884	18.87	ug/l	99
89) n-Butylbenzene	12.39	91	225196	19.05	ug/l	99
90) Hexachloroethane	12.60	117	36176	16.74	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	160016	19.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20116	19.13	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	114240	18.68	ug/l	99
94) Hexachlorobutadiene	13.79	225	57014	18.73	ug/l	99
95) Naphthalene	13.84	128	318964	19.94	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	121223	19.88	ug/l	100

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

