

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090718\
 Data File : VX004405.D
 Acq On : 07 Sep 2018 14:11
 Operator : JC/MD
 Sample : VX0907MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/10/2018 11:15:27 AM

Quant Time: Sep 08 03:40:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	345831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	501072	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	421180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	288974	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	206140	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	
35) Dibromofluoromethane	5.50	113	178190	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
50) Toluene-d8	8.71	98	664282	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
62) 4-Bromofluorobenzene	11.14	95	255151	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	60728	15.16	ug/l	100
3) Chloromethane	1.32	50	74445	17.01	ug/l	98
4) Vinyl Chloride	1.40	62	80707	17.81	ug/l	99
5) Bromomethane	1.64	94	41581	17.29	ug/l	100
6) Chloroethane	1.72	64	58361	17.47	ug/l	97
7) Trichlorofluoromethane	1.93	101	114884	18.50	ug/l	96
8) Diethyl Ether	2.19	74	53598	20.16	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	73757	18.96	ug/l	100
10) Methyl Iodide	2.51	142	61856	17.16	ug/l	97
11) Tert butyl alcohol	3.07	59	99666	103.73	ug/l	100
12) 1,1-Dichloroethene	2.37	96	67939	18.54	ug/l	97
13) Acrolein	2.29	56	17420	75.20	ug/l	94
14) Allyl chloride	2.73	41	135404	20.12	ug/l	95
15) Acrylonitrile	3.15	53	243016	102.13	ug/l	100
16) Acetone	2.44	43	196111	101.79	ug/l	100
17) Carbon Disulfide	2.57	76	163808	16.64	ug/l	99
18) Methyl Acetate	2.78	43	176601	26.40	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	245949	20.37	ug/l	98
20) Methylene Chloride	2.85	84	82225	18.95	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	73703	18.18	ug/l	100
22) Diisopropyl ether	3.87	45	253301	20.15	ug/l	94
23) Vinyl Acetate	3.82	43	947707	93.04	ug/l	99
24) 1,1-Dichloroethane	3.70	63	146151	19.95	ug/l	99
25) 2-Butanone	4.70	43	308949	100.59	ug/l	98
26) 2,2-Dichloropropane	4.58	77	109332	19.03	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	87227	18.96	ug/l	100
28) Bromochloromethane	5.01	49	66371	20.47	ug/l	99
29) Tetrahydrofuran	5.15	42	196434	101.43	ug/l	99
30) Chloroform	5.21	83	144386	19.66	ug/l	96
31) Cyclohexane	5.57	56	114539	18.12	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	117672	19.22	ug/l	99
36) 1,1-Dichloropropene	5.80	75	102205	18.14	ug/l	99
37) Ethyl Acetate	4.85	43	109385	19.74	ug/l	99
38) Carbon Tetrachloride	5.77	117	99002	18.68	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	118026	18.35	ug/l	98
40) Benzene	6.14	78	325835	19.36	ug/l	100
41) Methacrylonitrile	5.06	41	64934	20.22	ug/l	99
42) 1,2-Dichloroethane	6.20	62	109431	19.06	ug/l	98
43) Isopropyl Acetate	6.46	43	170335	20.01	ug/l	99
44) Trichloroethene	7.21	130	89262	19.16	ug/l	99
45) 1,2-Dichloropropane	7.52	63	84986	20.17	ug/l	99
46) Dibromomethane	7.66	93	53915	19.22	ug/l	99
47) Bromodichloromethane	7.90	83	102579	19.65	ug/l	99
48) Methyl methacrylate	7.77	41	90761	19.92	ug/l	98
49) 1,4-Dioxane	7.76	88	42673	412.61	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	596338	96.41	ug/l	100
52) Toluene	8.79	92	207699	19.71	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	111770	19.39	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	126340	20.12	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	86677	20.38	ug/l	97
56) Ethyl methacrylate	9.18	69	118232	20.42	ug/l	97
57) 1,3-Dichloropropane	9.37	76	144480	20.15	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	314858	106.13	ug/l	99
59) 2-Hexanone	9.50	43	454090	96.23	ug/l	100
60) Dibromochloromethane	9.59	129	81044	19.56	ug/l	99
61) 1,2-Dibromoethane	9.67	107	86417	19.63	ug/l	100
64) Tetrachloroethene	9.34	164	96541	23.20	ug/l	99
65) Chlorobenzene	10.14	112	213405	20.19	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	72106	19.78	ug/l	95
67) Ethyl Benzene	10.26	91	339407	19.77	ug/l	98
68) m/p-Xylenes	10.36	106	292883	43.63	ug/l	93
69) o-Xylene	10.70	106	130980	20.63	ug/l	95
70) Styrene	10.71	104	230873	22.46	ug/l	99
71) Bromoform	10.86	173	61523	20.93	ug/l #	100
73) Isopropylbenzene	11.02	105	389947	20.55	ug/l	99
74) N-amyl acetate	10.90	43	139277	19.06	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	127939	19.26	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	116159m	19.76	ug/l	
77) Bromobenzene	11.26	156	105751	19.86	ug/l	99
78) n-propylbenzene	11.36	91	445349	20.40	ug/l	100
79) 2-Chlorotoluene	11.42	91	268335	19.97	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	323776	20.60	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	35216	19.44	ug/l	99
82) 4-Chlorotoluene	11.51	91	312735	19.78	ug/l	100
83) tert-Butylbenzene	11.77	119	317795	20.10	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	335463	20.79	ug/l	100
85) sec-Butylbenzene	11.94	105	398536	21.23	ug/l	99
86) p-Isopropyltoluene	12.07	119	356055	21.16	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	191892	19.14	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	197422	18.68	ug/l	99
89) n-Butylbenzene	12.39	91	270982	19.81	ug/l	99
90) Hexachloroethane	12.60	117	46502	19.77	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	180816	19.74	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21894	18.72	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	137149	20.58	ug/l	99
94) Hexachlorobutadiene	13.79	225	70175	22.55	ug/l	97
95) Naphthalene	13.83	128	405369	21.50	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	145460	20.61	ug/l	99

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

