

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072518\
 Data File : VX003655.D
 Acq On : 25 Jul 2018 13:39
 Operator : JC/SP
 Sample : VX0725MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/27/2018 5:29:43 PM

Quant Time: Jul 27 04:14:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	90059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	147570	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	145652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	93947	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	74256	55.66	ug/l	0.00
Spiked Amount			Recovery	=	111.32%	
35) Dibromofluoromethane	5.51	113	58288	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
50) Toluene-d8	8.72	98	250956	54.51	ug/l	0.00
Spiked Amount			Recovery	=	109.02%	
62) 4-Bromofluorobenzene	11.14	95	81931	48.79	ug/l	0.00
Spiked Amount			Recovery	=	97.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	22315	21.76	ug/l	98
3) Chloromethane	1.32	50	31658	23.43	ug/l	99
4) Vinyl Chloride	1.40	62	33635	24.34	ug/l	98
5) Bromomethane	1.64	94	22253	33.35	ug/l	97
6) Chloroethane	1.72	64	21332	21.95	ug/l	97
7) Trichlorofluoromethane	1.93	101	43075	24.22	ug/l	99
8) Diethyl Ether	2.19	74	18643	23.92	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	25666	23.44	ug/l	98
10) Methyl Iodide	2.51	142	31619	23.24	ug/l	100
11) Tert butyl alcohol	3.08	59	39417	123.61	ug/l	100
12) 1,1-Dichloroethene	2.37	96	24688	23.70	ug/l	97
13) Acrolein	2.29	56	18388	116.23	ug/l	96
14) Allyl chloride	2.73	41	52616	24.23	ug/l	98
15) Acrylonitrile	3.15	53	92642	120.24	ug/l	99
16) Acetone	2.45	43	75938	121.17	ug/l	98
17) Carbon Disulfide	2.57	76	69253	23.11	ug/l	99
18) Methyl Acetate	2.78	43	46255	24.44	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	87479	23.78	ug/l	95
20) Methylene Chloride	2.86	84	29340	23.63	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	26223	23.41	ug/l	95
22) Diisopropyl ether	3.87	45	80877	20.40	ug/l	# 85
23) Vinyl Acetate	3.83	43	351616	103.53	ug/l	100
24) 1,1-Dichloroethane	3.70	63	51624	23.10	ug/l	99
25) 2-Butanone	4.71	43	96404	99.57	ug/l	99
26) 2,2-Dichloropropane	4.59	77	28774	20.37	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	23438	19.27	ug/l	91
28) Bromochloromethane	5.03	49	17461	19.47	ug/l	96
29) Tetrahydrofuran	5.17	42	64949	103.05	ug/l	99
30) Chloroform	5.22	83	42580	21.01	ug/l	98
31) Cyclohexane	5.57	56	35434	19.75	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	35486	21.08	ug/l	97
36) 1,1-Dichloropropene	5.80	75	31196	18.09	ug/l	97
37) Ethyl Acetate	4.87	43	36979	17.83	ug/l	98
38) Carbon Tetrachloride	5.79	117	29809	17.93	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	34976	18.42	ug/l	99
40) Benzene	6.15	78	95567	18.72	ug/l	100
41) Methacrylonitrile	5.07	41	20517	17.86	ug/l	97
42) 1,2-Dichloroethane	6.20	62	35248	19.62	ug/l	99
43) Isopropyl Acetate	6.47	43	61233	20.24	ug/l	99
44) Trichloroethene	7.21	130	26232	19.17	ug/l	93
45) 1,2-Dichloropropane	7.52	63	26283	19.92	ug/l	99
46) Dibromomethane	7.67	93	16528	19.50	ug/l	98
47) Bromodichloromethane	7.90	83	31520	19.83	ug/l	99
48) Methyl methacrylate	7.78	41	30858	20.10	ug/l	95
49) 1,4-Dioxane	7.76	88	13819	403.40	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	222262	108.87	ug/l	97
52) Toluene	8.79	92	66463	20.95	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	34329	19.51	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	41382	21.37	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	26129	20.15	ug/l	99
56) Ethyl methacrylate	9.18	69	37408	19.38	ug/l	96
57) 1,3-Dichloropropane	9.38	76	43814	20.12	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	111242	114.70	ug/l	99
59) 2-Hexanone	9.50	43	156050	99.64	ug/l	97
60) Dibromochloromethane	9.59	129	24233	19.70	ug/l	98
61) 1,2-Dibromoethane	9.68	107	25391	18.80	ug/l	98
64) Tetrachloroethene	9.34	164	22408	16.83	ug/l	99
65) Chlorobenzene	10.14	112	71077	19.39	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	23149	18.17	ug/l	99
67) Ethyl Benzene	10.26	91	113120	18.44	ug/l	99
68) m/p-Xylenes	10.36	106	88991	37.81	ug/l	100
69) o-Xylene	10.70	106	43632	19.25	ug/l	98
70) Styrene	10.71	104	74108	19.47	ug/l	100
71) Bromoform	10.86	173	17512	17.38	ug/l #	100
73) Isopropylbenzene	11.02	105	112998	17.60	ug/l	98
74) N-amyl acetate	6.47	43	61233	18.29	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	46939	19.80	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	40550m	20.58	ug/l	
77) Bromobenzene	11.26	156	35062	20.11	ug/l	99
78) n-propylbenzene	11.37	91	151670	20.46	ug/l	100
79) 2-Chlorotoluene	11.43	91	91264	20.26	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	111043	20.45	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	10744	16.89	ug/l	92
82) 4-Chlorotoluene	11.51	91	107143	20.19	ug/l	100
83) tert-Butylbenzene	11.77	119	107173	20.17	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	114567	20.53	ug/l	100
85) sec-Butylbenzene	11.95	105	129305	20.39	ug/l	100
86) p-Isopropyltoluene	12.07	119	114714	20.15	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	64298	19.80	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	66893	19.82	ug/l	99
89) n-Butylbenzene	12.39	91	98519	19.20	ug/l	99
90) Hexachloroethane	12.60	117	17202	19.95	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	65336	19.70	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	9862	19.99	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	46280	19.55	ug/l	99
94) Hexachlorobutadiene	13.79	225	20524	18.74	ug/l	98
95) Naphthalene	13.83	128	143866	20.10	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	47269	19.66	ug/l	99

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

