

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072118\
 Data File : VX003550.D
 Acq On : 21 Jul 2018 13:09
 Operator : JC/SP
 Sample : VX0721MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721MBS02

Manual Integrations
 APPROVED

MMDadoda
 7/23/2018 3:19:18 PM

Quant Time: Jul 23 02:07:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	287485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	408935	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	383016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	228118	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	176179	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
35) Dibromofluoromethane	5.51	113	159805	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
50) Toluene-d8	8.72	98	596927	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
62) 4-Bromofluorobenzene	11.14	95	216897	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	47570	20.417	ug/l	98
3) Chloromethane	1.32	50	61344	21.004	ug/l	99
4) Vinyl Chloride	1.41	62	71170	19.488	ug/l	96
5) Bromomethane	1.64	94	37750	24.730	ug/l	99
6) Chloroethane	1.73	64	45664	21.130	ug/l	100
7) Trichlorofluoromethane	1.93	101	98721	20.261	ug/l	95
8) Diethyl Ether	2.19	74	42558	20.337	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	63200	19.818	ug/l	98
10) Methyl Iodide	2.51	142	82602	21.562	ug/l	92
11) Tert butyl alcohol	3.06	59	74138	110.096	ug/l	100
12) 1,1-Dichloroethene	2.37	96	57498	19.582	ug/l	90
13) Acrolein	2.29	56	26786	88.038	ug/l	100
14) Allyl chloride	2.73	41	110544	21.267	ug/l	87
15) Acrylonitrile	3.15	53	188831	110.143	ug/l	96
16) Acetone	2.45	43	140360	109.194	ug/l	91
17) Carbon Disulfide	2.57	76	162222	20.427	ug/l	98
18) Methyl Acetate	2.78	43	87771	21.659	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	202662	21.137	ug/l	95
20) Methylene Chloride	2.86	84	71464	22.257	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	65793	20.139	ug/l	97
22) Diisopropyl ether	3.87	45	217378	22.225	ug/l	# 86
23) Vinyl Acetate	3.82	43	887671	110.179	ug/l	99
24) 1,1-Dichloroethane	3.70	63	123363	21.497	ug/l	99
25) 2-Butanone	4.70	43	240020	111.291	ug/l	94
26) 2,2-Dichloropropane	4.58	77	99812	22.900	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	78655	21.622	ug/l	87
28) Bromochloromethane	5.02	49	52748	21.029	ug/l	86
29) Tetrahydrofuran	5.16	42	154883	108.713	ug/l	93
30) Chloroform	5.21	83	123456	22.031	ug/l	89
31) Cyclohexane	5.58	56	106223	20.717	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	100461	20.935	ug/l	98
36) 1,1-Dichloropropene	5.80	75	86782	19.656	ug/l	96
37) Ethyl Acetate	4.86	43	91656	21.938	ug/l	94
38) Carbon Tetrachloride	5.79	117	89314	20.623	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	103130	19.722	ug/l	95
40) Benzene	6.14	78	276567	20.747	ug/l	98
41) Methacrylonitrile	5.07	41	50613	20.612	ug/l #	89
42) 1,2-Dichloroethane	6.20	62	90270	21.493	ug/l	95
43) Isopropyl Acetate	6.46	43	136346	20.516	ug/l #	93
44) Trichloroethene	7.22	130	83573	21.022	ug/l	85
45) 1,2-Dichloropropane	7.52	63	70708	20.890	ug/l	99
46) Dibromomethane	7.66	93	46114	21.161	ug/l	97
47) Bromodichloromethane	7.90	83	82091	20.577	ug/l	98
48) Methyl methacrylate	7.78	41	69904	20.857	ug/l	85
49) 1,4-Dioxane	7.76	88	31494	414.728	ug/l #	95
51) 4-Methyl-2-Pentanone	8.65	43	451174	107.458	ug/l	92
52) Toluene	8.79	92	171892	20.486	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	103325	21.043	ug/l	97
54) cis-1,3-Dichloropropene	9.04	75	91535	20.729	ug/l #	90
55) 1,1,2-Trichloroethane	9.22	97	69888	20.931	ug/l	98
56) Ethyl methacrylate	9.18	69	95984	20.410	ug/l #	84
57) 1,3-Dichloropropane	9.37	76	114084	21.138	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	237360	103.796	ug/l	98
59) 2-Hexanone	9.50	43	339972	109.286	ug/l	89
60) Dibromochloromethane	9.59	129	68467	20.717	ug/l	100
61) 1,2-Dibromoethane	9.68	107	72446	20.931	ug/l	100
64) Tetrachloroethene	9.34	164	96640	20.709	ug/l	98
65) Chlorobenzene	10.14	112	197723	20.036	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	70349	20.719	ug/l	98
67) Ethyl Benzene	10.26	91	320712	20.212	ug/l	99
68) m/p-Xylenes	10.36	106	254494	40.912	ug/l	97
69) o-Xylene	10.70	106	121613	20.217	ug/l	97
70) Styrene	10.71	104	202457	20.462	ug/l	97
71) Bromoform	10.86	173	51649	19.578	ug/l #	99
73) Isopropylbenzene	11.02	105	326494	20.695	ug/l	100
74) N-amyl acetate	6.46	43	136346	20.353	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	95233	20.599	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	88674m	21.638	ug/l	
77) Bromobenzene	11.26	156	90854	20.023	ug/l	97
78) n-propylbenzene	11.36	91	367104	20.933	ug/l	99
79) 2-Chlorotoluene	11.42	91	221153	20.773	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	272095	20.986	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	25095	18.936	ug/l	94
82) 4-Chlorotoluene	11.51	91	256519	20.563	ug/l	98
83) tert-Butylbenzene	11.77	119	256600	20.209	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	277962	21.069	ug/l	97
85) sec-Butylbenzene	11.95	105	318773	20.669	ug/l	100
86) p-Isopropyltoluene	12.07	119	286987	20.735	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	164297	19.698	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	166164	19.339	ug/l	99
89) n-Butylbenzene	12.39	91	238348	20.280	ug/l	100
90) Hexachloroethane	12.60	117	37157	18.885	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	165151	20.089	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18134	20.155	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	114689	19.036	ug/l	100
94) Hexachlorobutadiene	13.79	225	53710	18.536	ug/l	99
95) Naphthalene	13.84	128	321984	20.338	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	117281	19.664	ug/l	99

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

