

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100518\
 Data File : VX005077.D
 Acq On : 05 Oct 2018 20:11
 Operator : JC/MD
 Sample : VX1005MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 1:46:23 PM

Quant Time: Oct 06 00:02:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	230106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	334771	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	314556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	191619	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	162535	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.90%		
35) Dibromofluoromethane	5.51	113	130844	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.24%		
50) Toluene-d8	8.72	98	481685	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.14%		
62) 4-Bromofluorobenzene	11.14	95	177756	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.62%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	62726	19.993	ug/l	96
3) Chloromethane	1.32	50	70885	18.622	ug/l	100
4) Vinyl Chloride	1.40	62	71487	20.024	ug/l	98
5) Bromomethane	1.64	94	40402	19.084	ug/l	96
6) Chloroethane	1.72	64	41757	20.069	ug/l	95
7) Trichlorofluoromethane	1.93	101	93747	21.211	ug/l	95
8) Diethyl Ether	2.19	74	37205	19.377	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	50999	20.257	ug/l	99
10) Methyl Iodide	2.51	142	49264	14.623	ug/l	92
11) Tert butyl alcohol	3.07	59	98040	106.670	ug/l	100
12) 1,1-Dichloroethene	2.37	96	48740	19.549	ug/l	98
13) Acrolein	2.29	56	17808	27.232	ug/l	94
14) Allyl chloride	2.73	41	111197	20.440	ug/l	97
15) Acrylonitrile	3.15	53	218086	107.788	ug/l	98
16) Acetone	2.45	43	182572	95.136	ug/l	93
17) Carbon Disulfide	2.57	76	127478	17.015	ug/l	99
18) Methyl Acetate	2.78	43	125362	25.783	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	194015	22.559	ug/l #	89
20) Methylene Chloride	2.85	84	59969	21.006	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	51546	18.886	ug/l #	68
22) Diisopropyl ether	3.87	45	194706	21.255	ug/l	97
23) Vinyl Acetate	3.82	43	826771	98.598	ug/l	98
24) 1,1-Dichloroethane	3.70	63	109346	20.010	ug/l	98
25) 2-Butanone	4.71	43	286657	101.337	ug/l	95
26) 2,2-Dichloropropane	4.59	77	71919	18.900	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	58494	19.184	ug/l	95
28) Bromochloromethane	5.02	49	47500	18.459	ug/l	99
29) Tetrahydrofuran	5.16	42	189241	107.636	ug/l	97
30) Chloroform	5.22	83	100920	19.541	ug/l	99
31) Cyclohexane	5.57	56	86570	20.699	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	84128	19.946	ug/l	96
36) 1,1-Dichloropropene	5.80	75	74123	19.148	ug/l	93
37) Ethyl Acetate	4.86	43	103143	20.073	ug/l	98
38) Carbon Tetrachloride	5.78	117	75799	18.628	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	78172	19.777	µg/l	89
40) Benzene	6.15	78	220517	18.196	µg/l	94
41) Methacrylonitrile	5.06	41	54867	19.254	µg/l	94
42) 1,2-Dichloroethane	6.20	62	80618	18.818	µg/l	99
43) Isopropyl Acetate	6.46	43	143268	19.317	µg/l	95
44) Trichloroethene	7.21	130	58498	19.635	µg/l	97
45) 1,2-Dichloropropane	7.52	63	60513	20.361	µg/l	98
46) Dibromomethane	7.66	93	37446	20.049	µg/l	99
47) Bromodichloromethane	7.90	83	71035	20.313	µg/l	99
48) Methyl methacrylate	7.78	41	73145	21.729	µg/l	98
49) 1,4-Dioxane	7.76	88	33247	397.545	µg/l	95
51) 4-Methyl-2-Pentanone	8.65	43	517723	110.867	µg/l	99
52) Toluene	8.79	92	134580	20.210	µg/l	96
53) t-1,3-Dichloropropene	9.04	75	77263	19.552	µg/l	92
54) cis-1,3-Dichloropropene	8.44	75	84907	20.513	µg/l	100
55) 1,1,2-Trichloroethane	9.22	97	57858	19.835	µg/l	95
56) Ethyl methacrylate	9.18	69	87185	20.227	µg/l	98
57) 1,3-Dichloropropane	9.37	76	96881	19.956	µg/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	243357	105.551	µg/l	98
59) 2-Hexanone	9.50	43	407807	104.796	µg/l	94
60) Dibromochloromethane	9.59	129	56511	19.372	µg/l	98
61) 1,2-Dibromoethane	9.67	107	59223	18.958	µg/l	94
64) Tetrachloroethene	9.34	164	61652	19.914	µg/l	97
65) Chlorobenzene	10.14	112	152716	18.933	µg/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	54322	19.156	µg/l	99
67) Ethyl Benzene	10.26	91	250795	19.584	µg/l	96
68) m/p-Xylenes	10.36	106	196760	39.319	µg/l	95
69) o-Xylene	10.70	106	95682	20.817	µg/l	98
70) Styrene	10.71	104	159148	19.861	µg/l	100
71) Bromoform	10.86	173	44727	18.423	µg/l	96
73) Isopropylbenzene	11.02	105	260604	21.577	µg/l	99
74) N-amyl acetate	10.90	43	122436	19.546	µg/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	93312	18.979	µg/l	99
76) 1,2,3-Trichloropropane	11.30	75	87707m	20.421	µg/l	
77) Bromobenzene	11.26	156	69982	19.948	µg/l	99
78) n-propylbenzene	11.36	91	297661	21.479	µg/l	99
79) 2-Chlorotoluene	11.42	91	178316	20.643	µg/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	219109	19.673	µg/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24754	17.082	µg/l	96
82) 4-Chlorotoluene	11.51	91	210970	20.750	µg/l	99
83) tert-Butylbenzene	11.77	119	212772	21.397	µg/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	226643	19.733	µg/l	100
85) sec-Butylbenzene	11.94	105	264555	21.842	µg/l	100
86) p-Isopropyltoluene	12.07	119	235104	21.424	µg/l	100
87) 1,3-Dichlorobenzene	12.02	146	128732	19.652	µg/l	99
88) 1,4-Dichlorobenzene	12.10	146	129835	19.200	µg/l	99
89) n-Butylbenzene	12.39	91	202784	20.347	µg/l	100
90) Hexachloroethane	12.60	117	34916	19.110	µg/l	100
91) 1,2-Dichlorobenzene	12.39	146	129437	18.908	µg/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21819	20.212	µg/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	95273	19.839	ug/l	99
94) Hexachlorobutadiene	13.79	225	48609	19.520	ug/l	99
95) Naphthalene	13.83	128	302215	19.408	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	99312	20.020	ug/l	100

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

