

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020620\
 Data File : VX014844.D
 Acq On : 06 Feb 2020 13:51
 Operator : JC/SP
 Sample : VX0206MBSD01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206MBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/7/2020 11:44:56 AM

Quant Time: Feb 06 15:47:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	414112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	602250	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	549697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	279522	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	231443	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
35) Dibromofluoromethane	5.48	113	186683	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	8.71	98	698971	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
62) 4-Bromofluorobenzene	11.13	95	249540	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	87636	16.130	ug/l	98
3) Chloromethane	1.32	50	88197	15.743	ug/l	99
4) Vinyl Chloride	1.40	62	100765	16.635	ug/l	99
5) Bromomethane	1.63	94	65080	15.818	ug/l	97
6) Chloroethane	1.72	64	60862	16.639	ug/l	99
7) Trichlorofluoromethane	1.92	101	125056	17.731	ug/l	98
8) Diethyl Ether	2.18	74	56585	18.381	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74339	17.954	ug/l	98
10) Methyl Iodide	2.50	142	95240	17.530	ug/l	98
11) Tert butyl alcohol	3.02	59	97227	89.552	ug/l	99
12) 1,1-Dichloroethene	2.37	96	70205	17.054	ug/l	97
13) Acrolein	2.28	56	64039	74.808	ug/l	98
14) Allyl chloride	2.72	41	127805	17.272	ug/l	97
15) Acrylonitrile	3.12	53	228930	91.133	ug/l	100
16) Acetone	2.43	43	239927	90.622	ug/l	99
17) Carbon Disulfide	2.56	76	166342	14.784	ug/l	100
18) Methyl Acetate	2.76	43	145169	19.189	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	260789	19.341	ug/l	99
20) Methylene Chloride	2.84	84	86155	17.567	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	77155	17.022	ug/l	96
22) Diisopropyl ether	3.84	45	274024	18.614	ug/l	96
23) Vinyl Acetate	3.80	43	1058333	94.308	ug/l	99
24) 1,1-Dichloroethane	3.69	63	143109	17.900	ug/l	99
25) 2-Butanone	4.65	43	336516	88.619	ug/l	99
26) 2,2-Dichloropropane	4.57	77	117579	18.374	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	91605	18.058	ug/l	97
28) Bromochloromethane	5.00	49	55544	15.810	ug/l	96
29) Tetrahydrofuran	5.11	42	203735	90.397	ug/l	99
30) Chloroform	5.20	83	146488	18.496	ug/l	100
31) Cyclohexane	5.57	56	125587	16.701	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	121862	18.204	ug/l	99
36) 1,1-Dichloropropene	5.79	75	104969	18.758	ug/l	99
37) Ethyl Acetate	4.81	43	123371	19.248	ug/l	99
38) Carbon Tetrachloride	5.77	117	103571	19.379	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	128709	18.359	ug/l	95
40) Benzene	6.13	78	321865	18.615	ug/l	99
41) Methacrylonitrile	5.03	41	67014	18.164	ug/l	96
42) 1,2-Dichloroethane	6.18	62	119809	20.065	ug/l	98
43) Isopropyl Acetate	6.43	43	201786	19.226	ug/l	99
44) Trichloroethene	7.20	130	91415	18.717	ug/l	93
45) 1,2-Dichloropropane	7.50	63	86233	19.359	ug/l	96
46) Dibromomethane	7.65	93	56565	19.607	ug/l	96
47) Bromodichloromethane	7.89	83	111801	19.758	ug/l	97
48) Methyl methacrylate	7.76	41	97560	19.454	ug/l	97
49) 1,4-Dioxane	7.73	88	41645	391.762	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	642910	97.052	ug/l	99
52) Toluene	8.78	92	205250	19.311	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	120135	19.718	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	135560	20.225	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	88821	20.411	ug/l	98
56) Ethyl methacrylate	9.17	69	133360	19.216	ug/l	99
57) 1,3-Dichloropropane	9.36	76	145748	19.592	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	211352	96.575	ug/l	97
59) 2-Hexanone	9.48	43	494288	96.157	ug/l	100
60) Dibromochloromethane	9.57	129	90473	19.918	ug/l	99
61) 1,2-Dibromoethane	9.67	107	90925	19.762	ug/l	100
64) Tetrachloroethene	9.33	164	101030	18.567	ug/l	99
65) Chlorobenzene	10.13	112	226672	19.279	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	85186	19.650	ug/l	98
67) Ethyl Benzene	10.25	91	385931	19.223	ug/l	97
68) m/p-Xylenes	10.36	106	297972	39.177	ug/l	99
69) o-Xylene	10.70	106	145214	19.777	ug/l	99
70) Styrene	10.71	104	244811	19.876	ug/l	99
71) Bromoform	10.85	173	68733	19.937	ug/l #	99
73) Isopropylbenzene	11.01	105	386322	19.656	ug/l	99
74) N-amyl acetate	10.89	43	167944	19.500	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	130597	18.610	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	111904m	17.207	ug/l	
77) Bromobenzene	11.25	156	102828	19.475	ug/l	96
78) n-propylbenzene	11.35	91	436778	19.578	ug/l	99
79) 2-Chlorotoluene	11.42	91	260836	19.323	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	323248	19.816	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	40898	17.897	ug/l	96
82) 4-Chlorotoluene	11.51	91	301484	19.618	ug/l	99
83) tert-Butylbenzene	11.76	119	307470	20.059	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	328640	20.086	ug/l	98
85) sec-Butylbenzene	11.94	105	375752	20.010	ug/l	100
86) p-Isopropyltoluene	12.06	119	348081	20.058	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	181526	19.130	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	184949	19.458	ug/l	99
89) n-Butylbenzene	12.39	91	293109	19.393	ug/l	99
90) Hexachloroethane	12.59	117	59353	18.413	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	182439	19.358	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28367	18.815	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	122527	20.165	ug/l	99
94) Hexachlorobutadiene	13.78	225	63332	20.251	ug/l	99
95) Naphthalene	13.83	128	370348	19.480	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	126446	20.581	ug/l	98

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

