

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052219\
 Data File : VX009821.D
 Acq On : 22 May 2019 22:57
 Operator : JC/SP
 Sample : VX0522MBSD02
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0522MBSD02

Manual Integrations
 APPROVED

MMDadoda
 5/23/2019 10:38:40 AM

Quant Time: May 23 08:26:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	170516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	277033	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118092	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	106433	45.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.44%	
35) Dibromofluoromethane	5.50	113	75875	43.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.14%	
50) Toluene-d8	8.71	98	307760	43.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.54%	
62) 4-Bromofluorobenzene	11.13	95	108783	42.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	25729	16.374	ug/l	95
3) Chloromethane	1.32	50	38531	17.961	ug/l	98
4) Vinyl Chloride	1.41	62	37249	17.806	ug/l	99
5) Bromomethane	1.64	94	24325	19.373	ug/l	100
6) Chloroethane	1.72	64	24014	17.880	ug/l	99
7) Trichlorofluoromethane	1.93	101	45926	18.061	ug/l	99
8) Diethyl Ether	2.19	74	21534	17.878	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	27194	17.030	ug/l	99
10) Methyl Iodide	2.51	142	29291	18.931	ug/l	99
11) Tert butyl alcohol	3.04	59	57085	105.945	ug/l	98
12) 1,1-Dichloroethene	2.37	96	28517	17.824	ug/l	98
13) Acrolein	2.29	56	38990	79.903	ug/l	99
14) Allyl chloride	2.73	41	68569	17.586	ug/l	98
15) Acrylonitrile	3.14	53	118609	90.029	ug/l	100
16) Acetone	2.44	43	105556	84.451	ug/l	98
17) Carbon Disulfide	2.57	76	82304	18.323	ug/l	99
18) Methyl Acetate	2.78	43	52831	17.773	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	109672	17.652	ug/l	99
20) Methylene Chloride	2.85	84	34705	17.149	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	30882	17.798	ug/l	99
22) Diisopropyl ether	3.85	45	137550	18.344	ug/l	92
23) Vinyl Acetate	3.81	43	606994	94.534	ug/l	98
24) 1,1-Dichloroethane	3.70	63	65931	17.824	ug/l	99
25) 2-Butanone	4.67	43	179140	92.230	ug/l	97
26) 2,2-Dichloropropane	4.59	77	39796	14.454	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	36696	17.718	ug/l	99
28) Bromochloromethane	5.02	49	33689	21.037	ug/l	96
29) Tetrahydrofuran	5.13	42	120187	96.159	ug/l	97
30) Chloroform	5.21	83	59489	17.782	ug/l	99
31) Cyclohexane	5.58	56	62932	18.287	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	49309	17.705	ug/l	99
36) 1,1-Dichloropropene	5.80	75	45765	17.776	ug/l	99
37) Ethyl Acetate	4.84	43	66893	18.648	ug/l	99
38) Carbon Tetrachloride	5.79	117	41283	17.649	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	54463	17.226	ug/l	95
40) Benzene	6.14	78	141552	17.766	ug/l	100
41) Methacrylonitrile	5.04	41	37614	17.616	ug/l	98
42) 1,2-Dichloroethane	6.19	62	52367	18.322	ug/l	98
43) Isopropyl Acetate	6.45	43	104694	18.247	ug/l	100
44) Trichloroethene	7.21	130	33223	17.248	ug/l	96
45) 1,2-Dichloropropane	7.51	63	40427	17.919	ug/l	98
46) Dibromomethane	7.66	93	23096	17.629	ug/l	99
47) Bromodichloromethane	7.90	83	45435	17.385	ug/l	96
48) Methyl methacrylate	7.77	41	53085	18.649	ug/l	98
49) 1,4-Dioxane	7.74	88	20185	349.653	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	349681	93.242	ug/l	98
52) Toluene	8.79	92	85239	17.599	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	50502	17.116	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	55766	17.076	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	34718	17.570	ug/l	94
56) Ethyl methacrylate	9.18	69	60926	17.273	ug/l	95
57) 1,3-Dichloropropane	9.37	76	61371	17.650	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	158135	84.512	ug/l	99
59) 2-Hexanone	9.49	43	267713	90.892	ug/l	98
60) Dibromochloromethane	9.58	129	32560	16.872	ug/l	98
61) 1,2-Dibromoethane	9.67	107	34817	17.456	ug/l	99
64) Tetrachloroethene	9.34	164	31262	18.344	ug/l	98
65) Chlorobenzene	10.14	112	86604	17.426	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	31121	17.272	ug/l	99
67) Ethyl Benzene	10.25	91	162250	17.739	ug/l	98
68) m/p-Xylenes	10.36	106	119105	35.634	ug/l	97
69) o-Xylene	10.69	106	57148	17.329	ug/l	97
70) Styrene	10.71	104	100149	17.472	ug/l	99
71) Bromoform	10.85	173	24508	16.738	ug/l #	99
73) Isopropylbenzene	11.02	105	155146	18.066	ug/l	100
74) N-amyl acetate	10.90	43	91950	18.366	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	56793	17.741	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	49253m	17.980	ug/l	
77) Bromobenzene	11.26	156	37534	17.610	ug/l	98
78) n-propylbenzene	11.36	91	177142	18.062	ug/l	99
79) 2-Chlorotoluene	11.42	91	107364	17.744	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	129522	17.913	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	16291	15.217	ug/l	91
82) 4-Chlorotoluene	11.51	91	121969	17.843	ug/l	99
83) tert-Butylbenzene	11.77	119	123969	17.624	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	131424	18.108	ug/l	99
85) sec-Butylbenzene	11.94	105	146376	17.552	ug/l	100
86) p-Isopropyltoluene	12.06	119	132345	17.653	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	66746	17.566	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	66145	17.267	ug/l	97
89) n-Butylbenzene	12.38	91	118657	17.511	ug/l	99
90) Hexachloroethane	12.59	117	21911	17.155	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	67420	17.420	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13353	18.594	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	46556	17.591	ug/l	99
94) Hexachlorobutadiene	13.78	225	24403	18.056	ug/l	98
95) Naphthalene	13.83	128	154547	17.949	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	47937	17.869	ug/l	100

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

