

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041219\
 Data File : VX008878.D
 Acq On : 12 Apr 2019 12:00
 Operator : JC/SP
 Sample : VX0412MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412MBS01

Manual Integrations
 APPROVED

MMDadoda
 4/13/2019 2:11:32 PM

Quant Time: Apr 13 05:17:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	157835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	255650	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	228642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107118	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	108354	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
35) Dibromofluoromethane	5.50	113	80738	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
50) Toluene-d8	8.71	98	325553	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.13	95	117845	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43645	24.023	ug/l	100
3) Chloromethane	1.32	50	54301	23.492	ug/l	99
4) Vinyl Chloride	1.41	62	49150	20.012	ug/l	94
5) Bromomethane	1.64	94	29121	25.048	ug/l	97
6) Chloroethane	1.72	64	29378	20.092	ug/l	98
7) Trichlorofluoromethane	1.93	101	55997	20.626	ug/l	97
8) Diethyl Ether	2.19	74	25377	19.711	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35316	20.204	ug/l	99
10) Methyl Iodide	2.51	142	38343	26.160	ug/l	100
11) Tert butyl alcohol	3.04	59	57131	106.003	ug/l	99
12) 1,1-Dichloroethene	2.37	96	36231	19.856	ug/l	99
13) Acrolein	2.29	56	24936	93.309	ug/l	98
14) Allyl chloride	2.73	41	85126	20.379	ug/l	98
15) Acrylonitrile	3.14	53	141465	99.080	ug/l	99
16) Acetone	2.45	43	126077	95.084	ug/l	98
17) Carbon Disulfide	2.57	76	108013	20.056	ug/l	100
18) Methyl Acetate	2.78	43	62106	19.313	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	134437	20.630	ug/l	100
20) Methylene Chloride	2.86	84	44088	19.864	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	38892	19.705	ug/l	94
22) Diisopropyl ether	3.85	45	165586	20.567	ug/l	89
23) Vinyl Acetate	3.81	43	738296	105.410	ug/l	98
24) 1,1-Dichloroethane	3.70	63	79782	20.014	ug/l	99
25) 2-Butanone	4.68	43	210976	100.671	ug/l	97
26) 2,2-Dichloropropane	4.58	77	56775	20.222	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	45436	20.023	ug/l	98
28) Bromochloromethane	5.02	49	33379	18.116	ug/l	99
29) Tetrahydrofuran	5.13	42	139924	100.595	ug/l	99
30) Chloroform	5.21	83	72208	20.281	ug/l	99
31) Cyclohexane	5.58	56	79330	19.944	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	59512	20.685	ug/l	98
36) 1,1-Dichloropropene	5.80	75	55903	20.005	ug/l	99
37) Ethyl Acetate	4.83	43	78565	21.063	ug/l	99
38) Carbon Tetrachloride	5.78	117	48655	21.036	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70328	20.372	ug/l	96
40) Benzene	6.14	78	174402	20.949	ug/l	99
41) Methacrylonitrile	5.04	41	44913	20.947	ug/l	99
42) 1,2-Dichloroethane	6.19	62	63014	21.113	ug/l	99
43) Isopropyl Acetate	6.45	43	124782	21.355	ug/l	99
44) Trichloroethene	7.21	130	39962	20.610	ug/l	98
45) 1,2-Dichloropropane	7.51	63	48689	20.490	ug/l	98
46) Dibromomethane	7.66	93	27440	19.911	ug/l	98
47) Bromodichloromethane	7.90	83	53815	20.710	ug/l	99
48) Methyl methacrylate	7.77	41	63491	21.480	ug/l	97
49) 1,4-Dioxane	7.74	88	23340	421.527	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	411460	109.388	ug/l	100
52) Toluene	8.79	92	105218	21.438	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	61605	21.164	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	68835	20.696	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	41797	21.215	ug/l	98
56) Ethyl methacrylate	9.18	69	77163	21.647	ug/l	100
57) 1,3-Dichloropropane	9.37	76	74527	21.066	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	194713	106.975	ug/l	100
59) 2-Hexanone	9.49	43	318690	109.020	ug/l	100
60) Dibromochloromethane	9.58	129	39524	21.289	ug/l	100
61) 1,2-Dibromoethane	9.67	107	42906	20.919	ug/l	100
64) Tetrachloroethene	9.34	164	37948	22.401	ug/l	99
65) Chlorobenzene	10.14	112	106095	20.933	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	37593	21.143	ug/l	100
67) Ethyl Benzene	10.25	91	199965	21.159	ug/l	99
68) m/p-Xylenes	10.36	106	143668	42.280	ug/l	99
69) o-Xylene	10.69	106	69678	21.159	ug/l	98
70) Styrene	10.71	104	121679	21.436	ug/l	99
71) Bromoform	10.85	173	28459	20.957	ug/l #	100
73) Isopropylbenzene	11.02	105	187051	21.071	ug/l	100
74) N-amyl acetate	10.90	43	110375	21.133	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	68363	20.249	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	58998m	20.049	ug/l	
77) Bromobenzene	11.26	156	44736	20.963	ug/l	98
78) n-propylbenzene	11.36	91	213195	20.626	ug/l	100
79) 2-Chlorotoluene	11.42	91	127979	20.460	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	156786	21.040	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	22295	20.885	ug/l	97
82) 4-Chlorotoluene	11.51	91	147500	20.372	ug/l	99
83) tert-Butylbenzene	11.77	119	147314	20.549	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	157844	20.920	ug/l	100
85) sec-Butylbenzene	11.94	105	178596	20.973	ug/l	99
86) p-Isopropyltoluene	12.06	119	161329	21.108	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	79818	20.892	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	78925	20.401	ug/l	100
89) n-Butylbenzene	12.38	91	147602	20.592	ug/l	99
90) Hexachloroethane	12.60	117	25726	20.294	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	79797	21.036	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15024	20.229	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	57107	21.653	ug/l	99
94) Hexachlorobutadiene	13.78	225	28499	22.531	ug/l	99
95) Naphthalene	13.83	128	185938	21.094	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	56431	21.415	ug/l	98

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

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