

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031319\
 Data File : VX008040.D
 Acq On : 13 Mar 2019 11:19
 Operator : JC/SP
 Sample : VX0313MBS01
 Misc : 5.0µ/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313MBS01

Manual Integrations
 APPROVED

MMDadoda
 3/14/2019 10:17:50 AM

Quant Time: Mar 13 12:07:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	228685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	332964	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	298142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149863	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	116180	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
35) Dibromofluoromethane	5.51	113	103609	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
50) Toluene-d8	8.71	98	396102	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
62) 4-Bromofluorobenzene	11.13	95	140776	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	32483	16.626	ug/l	99
3) Chloromethane	1.33	50	41572	16.511	ug/l	99
4) Vinyl Chloride	1.41	62	43476	17.378	ug/l	100
5) Bromomethane	1.64	94	22943	18.839	ug/l	100
6) Chloroethane	1.73	64	27738	16.690	ug/l	98
7) Trichlorofluoromethane	1.93	101	54456	16.719	ug/l	97
8) Diethyl Ether	2.19	74	24218	17.170	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	34885	17.283	ug/l	98
10) Methyl Iodide	2.51	142	51238	17.893	ug/l	96
11) Tert butyl alcohol	3.07	59	47527	88.095	ug/l	100
12) 1,1-Dichloroethene	2.38	96	33505	17.220	ug/l	93
13) Acrolein	2.30	56	23397	77.704	ug/l	98
14) Allyl chloride	2.73	41	64646	15.812	ug/l	99
15) Acrylonitrile	3.15	53	114837	84.331	ug/l	100
16) Acetone	2.45	43	102693	73.546	ug/l	98
17) Carbon Disulfide	2.57	76	94358	15.661	ug/l	99
18) Methyl Acetate	2.78	43	52814	17.804	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	121837	18.202	ug/l	98
20) Methylene Chloride	2.86	84	38646	17.390	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	36401	17.003	ug/l	97
22) Diisopropyl ether	3.87	45	136738	18.245	ug/l	98
23) Vinyl Acetate	3.82	43	573509	87.263	ug/l	99
24) 1,1-Dichloroethane	3.70	63	71687	17.774	ug/l	98
25) 2-Butanone	4.70	43	176533	89.301	ug/l	98
26) 2,2-Dichloropropane	4.59	77	50331	18.836	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	45555	18.595	ug/l	98
28) Bromochloromethane	5.02	49	33669	17.906	ug/l	97
29) Tetrahydrofuran	5.15	42	113475	92.026	ug/l	98
30) Chloroform	5.21	83	71795	18.818	ug/l	98
31) Cyclohexane	5.57	56	67289	18.153	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	59684	18.855	ug/l	98
36) 1,1-Dichloropropene	5.80	75	54234	17.989	ug/l	99
37) Ethyl Acetate	4.85	43	63756	17.820	ug/l	99
38) Carbon Tetrachloride	5.78	117	51040	17.832	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65910	18.041	ug/l	96
40) Benzene	6.14	78	170080	18.949	ug/l	100
41) Methacrylonitrile	5.06	41	36294	18.606	ug/l	99
42) 1,2-Dichloroethane	6.20	62	55256	18.825	ug/l	99
43) Isopropyl Acetate	6.46	43	97638	18.440	ug/l	99
44) Trichloroethene	7.21	130	46774	18.910	ug/l	95
45) 1,2-Dichloropropane	7.51	63	45106	19.027	ug/l	100
46) Dibromomethane	7.66	93	28042	18.692	ug/l	98
47) Bromodichloromethane	7.90	83	51132	17.976	ug/l	97
48) Methyl methacrylate	7.77	41	51019	18.327	ug/l	97
49) 1,4-Dioxane	7.75	88	21996	384.630	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	329712	96.825	ug/l	99
52) Toluene	8.78	92	106440	19.424	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	54787	18.454	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	62927	18.770	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	44115	19.887	ug/l	99
56) Ethyl methacrylate	9.18	69	66499	19.966	ug/l	97
57) 1,3-Dichloropropane	9.37	76	72507	19.467	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	176446	102.414	ug/l	99
59) 2-Hexanone	9.49	43	252987	95.692	ug/l	100
60) Dibromochloromethane	9.58	129	42024	18.124	ug/l	99
61) 1,2-Dibromoethane	9.67	107	45673	19.392	ug/l	99
64) Tetrachloroethene	9.34	164	47114	19.069	ug/l	99
65) Chlorobenzene	10.13	112	117881	18.895	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	42333	18.932	ug/l	99
67) Ethyl Benzene	10.25	91	198606	19.339	ug/l	98
68) m/p-Xylenes	10.36	106	152242	38.460	ug/l	99
69) o-Xylene	10.69	106	75497	19.755	ug/l	98
70) Styrene	10.71	104	122906	19.653	ug/l	100
71) Bromoform	10.85	173	32863	17.114	ug/l #	98
73) Isopropylbenzene	11.02	105	200416	19.774	ug/l	100
74) N-amyl acetate	10.90	43	85496	18.477	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	64776	18.528	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	55235m	17.564	ug/l	
77) Bromobenzene	11.26	156	53996	19.431	ug/l	97
78) n-propylbenzene	11.36	91	219588	19.529	ug/l	100
79) 2-Chlorotoluene	11.42	91	132372	19.254	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	165726	19.866	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	17060	17.341	ug/l	94
82) 4-Chlorotoluene	11.51	91	150027	19.042	ug/l	99
83) tert-Butylbenzene	11.77	119	161964	19.275	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	168173	19.666	ug/l	100
85) sec-Butylbenzene	11.94	105	195551	19.759	ug/l	100
86) p-Isopropyltoluene	12.06	119	175953	19.852	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	93402	18.999	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	93334	18.539	ug/l	99
89) n-Butylbenzene	12.38	91	147496	19.643	ug/l	99
90) Hexachloroethane	12.60	117	25826	17.428	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	93923	19.232	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12742	17.439	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	65083	18.970	uq/l	99
94) Hexachlorobutadiene	13.78	225	34409	19.183	uq/l	99
95) Naphthalene	13.83	128	196023	19.830	uq/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	64863	18.979	uq/l	98

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

