

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080219\
 Data File : VX011295.D
 Acq On : 02 Aug 2019 11:26
 Operator : JC/SP
 Sample : VX0802MBS01
 Misc : 5.0µ/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/6/2019 12:11:45 PM

Quant Time: Aug 03 06:24:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	151222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	221710	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	203269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	105377	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	70475	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
35) Dibromofluoromethane	5.49	113	67254	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	
50) Toluene-d8	8.71	98	252070	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
62) 4-Bromofluorobenzene	11.13	95	87203	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	22983	19.678	ug/l	100
3) Chloromethane	1.32	50	25429	19.388	ug/l	99
4) Vinyl Chloride	1.40	62	28703	19.895	ug/l	97
5) Bromomethane	1.63	94	22877	22.234	ug/l	93
6) Chloroethane	1.71	64	19502	20.277	ug/l	100
7) Trichlorofluoromethane	1.92	101	51997	20.270	ug/l	94
8) Diethyl Ether	2.18	74	18066	19.723	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	28000	20.173	ug/l	99
10) Methyl Iodide	2.50	142	31942	18.254	ug/l	97
11) Tert butyl alcohol	3.03	59	33312	109.709	ug/l	99
12) 1,1-Dichloroethene	2.37	96	27266	19.817	ug/l	96
13) Acrolein	2.28	56	19396	102.527	ug/l	99
14) Allyl chloride	2.72	41	37243	20.304	ug/l	99
15) Acrylonitrile	3.14	53	76060	104.958	ug/l	100
16) Acetone	2.43	43	69180	95.439	ug/l	95
17) Carbon Disulfide	2.56	76	64225	19.892	ug/l	98
18) Methyl Acetate	2.76	43	33289	20.096	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	80744	19.914	ug/l	99
20) Methylene Chloride	2.85	84	30780	19.389	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	28732	19.741	ug/l	96
22) Diisopropyl ether	3.85	45	80919	20.073	ug/l	97
23) Vinyl Acetate	3.81	43	348847	104.332	ug/l	100
24) 1,1-Dichloroethane	3.69	63	47647	20.044	ug/l	100
25) 2-Butanone	4.67	43	102905	99.799	ug/l	97
26) 2,2-Dichloropropane	4.57	77	36099	19.536	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	33386	19.915	ug/l	97
28) Bromochloromethane	5.01	49	19564	18.053	ug/l	99
29) Tetrahydrofuran	5.12	42	64507	102.031	ug/l	98
30) Chloroform	5.20	83	51460	19.918	ug/l	96
31) Cyclohexane	5.57	56	38574	19.669	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	43697	19.744	ug/l	98
36) 1,1-Dichloropropene	5.79	75	35829	18.509	ug/l	97
37) Ethyl Acetate	4.82	43	37766	19.450	ug/l	98
38) Carbon Tetrachloride	5.78	117	38023	19.524	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	42840	18.671	ug/l	98
40) Benzene	6.13	78	114088	19.751	ug/l	99
41) Methacrylonitrile	5.03	41	20529	19.359	ug/l	97
42) 1,2-Dichloroethane	6.19	62	38900	19.915	ug/l	99
43) Isopropyl Acetate	6.44	43	60005	19.330	ug/l	99
44) Trichloroethene	7.21	130	33417	19.113	ug/l	97
45) 1,2-Dichloropropane	7.51	63	28877	19.303	ug/l	100
46) Dibromomethane	7.66	93	21594	19.773	ug/l	96
47) Bromodichloromethane	7.89	83	35725	19.321	ug/l	99
48) Methyl methacrylate	7.77	41	28459	19.480	ug/l	99
49) 1,4-Dioxane	7.74	88	16568	391.182	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	205793	102.722	ug/l	99
52) Toluene	8.78	92	75562	19.785	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	36577	18.860	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	42713	19.776	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	30603	19.489	ug/l	98
56) Ethyl methacrylate	9.18	69	43808	19.577	ug/l	98
57) 1,3-Dichloropropane	9.37	76	48562	19.555	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	99730	90.641	ug/l	99
59) 2-Hexanone	9.49	43	155406	100.148	ug/l	100
60) Dibromochloromethane	9.58	129	30751	19.128	ug/l	98
61) 1,2-Dibromoethane	9.67	107	33524	19.760	ug/l	98
64) Tetrachloroethene	9.34	164	33891	19.633	ug/l	95
65) Chlorobenzene	10.13	112	85670	19.656	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	29991	20.100	ug/l	99
67) Ethyl Benzene	10.25	91	141230	19.349	ug/l	100
68) m/p-Xylenes	10.35	106	111841	39.614	ug/l	100
69) o-Xylene	10.69	106	54691	19.716	ug/l	99
70) Styrene	10.71	104	91292	19.889	ug/l	100
71) Bromoform	10.85	173	22477	18.728	ug/l #	96
73) Isopropylbenzene	11.02	105	144623	20.067	ug/l	99
74) N-amyl acetate	10.90	43	53660	20.606	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	48151	20.048	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	39471m	20.568	ug/l	
77) Bromobenzene	11.25	156	39528	19.779	ug/l	98
78) n-propylbenzene	11.36	91	161014	20.090	ug/l	100
79) 2-Chlorotoluene	11.42	91	94655	19.815	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	120435	19.963	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	11787	19.444	ug/l	95
82) 4-Chlorotoluene	11.51	91	108441	19.478	ug/l	100
83) tert-Butylbenzene	11.77	119	118278	19.989	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	122067	20.322	ug/l	99
85) sec-Butylbenzene	11.94	105	142782	20.084	ug/l	99
86) p-Isopropyltoluene	12.06	119	131323	20.079	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	70671	20.014	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	70641	19.401	ug/l	97
89) n-Butylbenzene	12.38	91	108726	19.296	ug/l	100
90) Hexachloroethane	12.59	117	18260	18.885	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	70024	19.736	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	9561	20.547	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	46104	19.594	ug/l	100
94) Hexachlorobutadiene	13.78	225	23007	19.272	ug/l	100
95) Naphthalene	13.83	128	141395	20.549	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	47953	20.046	ug/l	100

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

