

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091818\
 Data File : VX004648.D
 Acq On : 18 Sep 2018 10:56
 Operator : JC/MD
 Sample : VX0918MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/19/2018 12:50:59 PM

9/19/2018 12:50:59 PM

Quant Time: Sep 18 15:34:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	240987	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	314613	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	284975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177191	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	144402	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
35) Dibromofluoromethane	5.50	113	128889	44.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.54%	
50) Toluene-d8	8.71	98	435702	45.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.26%	
62) 4-Bromofluorobenzene	11.14	95	158711	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	42434	18.788	ug/l	97
3) Chloromethane	1.32	50	55218	17.765	ug/l	93
4) Vinyl Chloride	1.40	62	60122	18.846	ug/l	93
5) Bromomethane	1.64	94	30740	22.359	ug/l	99
6) Chloroethane	1.72	64	35297	17.109	ug/l	94
7) Trichlorofluoromethane	1.93	101	78639	18.594	ug/l	95
8) Diethyl Ether	2.18	74	34277	18.079	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	50019	18.644	ug/l	96
10) Methyl Iodide	2.51	142	42712	16.441	ug/l	97
11) Tert butyl alcohol	3.06	59	69412	93.617	ug/l	99
12) 1,1-Dichloroethene	2.37	96	46124	18.318	ug/l	91
13) Acrolein	2.29	56	15750	53.813	ug/l	96
14) Allyl chloride	2.73	41	93541	18.069	ug/l	97
15) Acrylonitrile	3.15	53	163063	91.327	ug/l	99
16) Acetone	2.45	43	132016	87.047	ug/l	95
17) Carbon Disulfide	2.57	76	128367	17.637	ug/l	97
18) Methyl Acetate	2.78	43	80562	18.934	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	164119	18.576	ug/l	98
20) Methylene Chloride	2.85	84	56162	18.052	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	52422	18.840	ug/l	88
22) Diisopropyl ether	3.87	45	176627	18.944	ug/l	97
23) Vinyl Acetate	3.82	43	695296	92.152	ug/l	96
24) 1,1-Dichloroethane	3.69	63	102048	19.386	ug/l	98
25) 2-Butanone	4.70	43	197797	81.948	ug/l	99
26) 2,2-Dichloropropane	4.58	77	74584	20.629	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	58368	18.792	ug/l	99
28) Bromochloromethane	5.02	49	42737	17.749	ug/l	100
29) Tetrahydrofuran	5.15	42	127953	87.904	ug/l	98
30) Chloroform	5.21	83	97553	18.982	ug/l	97
31) Cyclohexane	5.57	56	82489	18.352	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	78596	18.988	ug/l	99
36) 1,1-Dichloropropene	5.79	75	72264	18.919	ug/l	98
37) Ethyl Acetate	4.85	43	75140	17.297	ug/l	100
38) Carbon Tetrachloride	5.79	117	71685	19.215	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	77558	19.458	ug/l	89
40) Benzene	6.15	78	222159	19.603	ug/l	94
41) Methacrylonitrile	5.06	41	42426	17.725	ug/l	99
42) 1,2-Dichloroethane	6.20	62	70193	18.675	ug/l	99
43) Isopropyl Acetate	6.46	43	98819	17.127	ug/l	99
44) Trichloroethene	7.21	130	58697	19.936	ug/l	99
45) 1,2-Dichloropropane	7.52	63	52157	19.126	ug/l	99
46) Dibromomethane	7.66	93	33356	19.362	ug/l	99
47) Bromodichloromethane	7.90	83	61107	18.756	ug/l	96
48) Methyl methacrylate	7.77	41	51038	17.874	ug/l	98
49) 1,4-Dioxane	7.75	88	24925	368.798	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	336913	82.742	ug/l	98
52) Toluene	8.79	92	125112	18.738	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	65905	17.317	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	74600	19.229	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	51013	17.744	ug/l	97
56) Ethyl methacrylate	9.18	69	68220	16.773	ug/l	98
57) 1,3-Dichloropropane	9.37	76	82680	17.700	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	179288	91.276	ug/l	96
59) 2-Hexanone	9.49	43	258238	82.683	ug/l	97
60) Dibromochloromethane	9.58	129	49633	18.338	ug/l	100
61) 1,2-Dibromoethane	9.67	107	51343	18.695	ug/l	99
64) Tetrachloroethene	9.33	164	69776	19.611	ug/l	99
65) Chlorobenzene	10.14	112	140623	19.866	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	49275	20.186	ug/l	99
67) Ethyl Benzene	10.26	91	229815	19.967	ug/l	98
68) m/p-Xylenes	10.36	106	183349	41.354	ug/l	97
69) o-Xylene	10.70	106	85972	20.170	ug/l	98
70) Styrene	10.71	104	145095	20.547	ug/l	99
71) Bromoform	10.86	173	39263	19.589	ug/l #	99
73) Isopropylbenzene	11.02	105	236880	20.299	ug/l	100
74) N-amyl acetate	10.90	43	87321	17.778	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	68791	18.275	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	67933m	19.056	ug/l	
77) Bromobenzene	11.26	156	65306	20.247	ug/l	98
78) n-propylbenzene	11.36	91	273615	20.392	ug/l	99
79) 2-Chlorotoluene	11.42	91	162297	19.944	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	202504	20.642	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	20921	18.706	ug/l	98
82) 4-Chlorotoluene	11.51	91	192780	20.297	ug/l	100
83) tert-Butylbenzene	11.77	119	187063	20.029	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	208277	20.794	ug/l	99
85) sec-Butylbenzene	11.95	105	245513	20.628	ug/l	99
86) p-Isopropyltoluene	12.07	119	220679	20.997	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	121109	20.124	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	122963	19.774	ug/l	98
89) n-Butylbenzene	12.39	91	189578	19.794	ug/l	97
90) Hexachloroethane	12.60	117	32453	19.288	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	120532	19.788	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15074	18.755	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	88023	20.409	ug/l	99
94) Hexachlorobutadiene	13.79	225	47738	21.190	ug/l	96
95) Naphthalene	13.83	128	237224	19.610	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	90871	20.508	ug/l	99

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

