

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091318\
 Data File : VX004510.D
 Acq On : 13 Sep 2018 12:34
 Operator : JC/MD
 Sample : VX0913MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/15/2018 11:23:47 AM

Quant Time: Sep 14 04:24:46 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	5.66	168	303190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	387377	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	349017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209261	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	192328	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
35) Dibromofluoromethane	5.50	113	171458	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
50) Toluene-d8	8.72	98	599511	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
62) 4-Bromofluorobenzene	11.14	95	207789	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	55735	19.615	ug/l	99
3) Chloromethane	1.32	50	70388	17.999	ug/l	100
4) Vinyl Chloride	1.40	62	77638	19.344	ug/l	99
5) Bromomethane	1.64	94	38146	22.037	ug/l	99
6) Chloroethane	1.72	64	47742	18.394	ug/l	97
7) Trichlorofluoromethane	1.93	101	101233	19.026	ug/l	95
8) Diethyl Ether	2.18	74	46026	19.295	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	64332	19.059	ug/l	98
10) Methyl Iodide	2.51	142	69896	20.105	ug/l	96
11) Tert butyl alcohol	3.07	59	95179	102.033	ug/l	99
12) 1,1-Dichloroethene	2.37	96	62467	19.718	ug/l	94
13) Acrolein	2.29	56	34155	92.755	ug/l	95
14) Allyl chloride	2.73	41	123881	19.021	ug/l	95
15) Acrylonitrile	3.15	53	215329	95.857	ug/l	99
16) Acetone	2.45	43	171210	89.730	ug/l	99
17) Carbon Disulfide	2.57	76	175584	19.175	ug/l	97
18) Methyl Acetate	2.78	43	102632	19.172	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	220743	19.859	ug/l	99
20) Methylene Chloride	2.85	84	74869	19.128	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	69030	19.719	ug/l	97
22) Diisopropyl ether	3.87	45	224663	19.152	ug/l	97
23) Vinyl Acetate	3.82	43	932967	98.283	ug/l	100
24) 1,1-Dichloroethane	3.70	63	127760	19.291	ug/l	99
25) 2-Butanone	4.70	43	277643	91.429	ug/l	99
26) 2,2-Dichloropropane	4.58	77	96453	21.205	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	77277	19.775	ug/l	99
28) Bromochloromethane	5.01	49	58775	19.402	ug/l	99
29) Tetrahydrofuran	5.16	42	180318	98.463	ug/l	99
30) Chloroform	5.21	83	123830	19.152	ug/l	96
31) Cyclohexane	5.57	56	113149	20.009	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	102822	19.745	ug/l	99
36) 1,1-Dichloropropene	5.79	75	94007	19.989	ug/l	98
37) Ethyl Acetate	4.86	43	102855	19.229	ug/l	99
38) Carbon Tetrachloride	5.78	117	89271	19.434	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	99568	20.288	ug/l	98
40) Benzene	6.14	78	281855	20.199	ug/l	96
41) Methacrylonitrile	5.06	41	57435	19.489	ug/l	99
42) 1,2-Dichloroethane	6.20	62	91959	19.870	ug/l	100
43) Isopropyl Acetate	6.46	43	141243	19.881	ug/l	100
44) Trichloroethene	7.21	130	71435	19.705	ug/l	97
45) 1,2-Dichloropropane	7.52	63	64390	19.177	ug/l	100
46) Dibromomethane	7.66	93	41756	19.685	ug/l	99
47) Bromodichloromethane	7.90	83	76104	18.972	ug/l	98
48) Methyl methacrylate	7.78	41	69131	19.662	ug/l	97
49) 1,4-Dioxane	7.76	88	34806	418.264	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	461669	92.084	ug/l	98
52) Toluene	8.79	92	168459	20.491	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	95956	20.478	ug/l	96
54) cis-1,3-Dichloropropene	8.44	75	96869	20.279	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	74346	21.002	ug/l	99
56) Ethyl methacrylate	9.18	69	105679	21.103	ug/l	96
57) 1,3-Dichloropropane	9.37	76	120702	20.986	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	246928	101.236	ug/l	96
59) 2-Hexanone	9.50	43	390391	101.517	ug/l	97
60) Dibromochloromethane	9.59	129	66813	20.048	ug/l	99
61) 1,2-Dibromoethane	9.68	107	67820	20.056	ug/l	99
64) Tetrachloroethene	9.34	164	93222	21.393	ug/l	95
65) Chlorobenzene	10.14	112	177473	20.471	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	60251	20.154	ug/l	99
67) Ethyl Benzene	10.25	91	293247	20.803	ug/l	96
68) m/p-Xylenes	10.36	106	231409	42.616	ug/l	97
69) o-Xylene	10.70	106	111396	21.339	ug/l	100
70) Styrene	10.71	104	184899	21.379	ug/l	99
71) Bromoform	10.86	173	47602	19.392	ug/l #	100
73) Isopropylbenzene	11.02	105	299397	21.724	ug/l	100
74) N-amyl acetate	10.90	43	117546	20.264	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	89664	20.170	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	88135m	20.934	ug/l	
77) Bromobenzene	11.26	156	80608	21.161	ug/l	99
78) n-propylbenzene	11.36	91	343801	21.696	ug/l	99
79) 2-Chlorotoluene	11.42	91	205207	21.352	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	251581	21.715	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	27526	20.840	ug/l	99
82) 4-Chlorotoluene	11.51	91	236207	21.058	ug/l	98
83) tert-Butylbenzene	11.77	119	238690	21.640	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	258249	21.832	ug/l	98
85) sec-Butylbenzene	11.94	105	305259	21.718	ug/l	99
86) p-Isopropyltoluene	12.07	119	273127	22.005	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	147837	20.801	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	148620	20.238	ug/l	98
89) n-Butylbenzene	12.39	91	233854	20.675	ug/l	98
90) Hexachloroethane	12.60	117	38898	19.576	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	148119	20.590	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20159	21.238	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	106629	20.934	ug/l	100
94) Hexachlorobutadiene	13.79	225	54353	20.428	ug/l	98
95) Naphthalene	13.83	128	311074	21.774	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	109718	20.967	ug/l	100

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

