

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091218\
 Data File : VX004491.D
 Acq On : 12 Sep 2018 13:40
 Operator : JC/MD
 Sample : VX0912MBS02
 Misc : 5.0µl/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0912MBS02

Manual Integrations
 APPROVED

MMDadoda
 9/13/2018 10:58:49 AM

Quant Time: Sep 13 02:02:25 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	5.67	168	256343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	364039	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	348031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208157	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	168323	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
35) Dibromofluoromethane	5.50	113	143007	42.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.86%	
50) Toluene-d8	8.72	98	556198	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
62) 4-Bromofluorobenzene	11.14	95	202129	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	50419	20.99	ug/l	98
3) Chloromethane	1.32	50	70143	21.21	ug/l	100
4) Vinyl Chloride	1.40	62	70953	20.91	ug/l	99
5) Bromomethane	1.64	94	37225	25.62	ug/l	99
6) Chloroethane	1.71	64	43619	19.88	ug/l	98
7) Trichlorofluoromethane	1.92	101	90715	20.16	ug/l	95
8) Diethyl Ether	2.19	74	42039	20.84	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	57217	20.05	ug/l	99
10) Methyl Iodide	2.51	142	57894	19.78	ug/l	99
11) Tert butyl alcohol	3.07	59	87226	110.60	ug/l	100
12) 1,1-Dichloroethene	2.37	96	55350	20.66	ug/l	98
13) Acrolein	2.29	56	36539	117.36	ug/l	95
14) Allyl chloride	2.72	41	112769	20.48	ug/l	95
15) Acrylonitrile	3.15	53	202101	106.41	ug/l	99
16) Acetone	2.45	43	163537	101.37	ug/l	100
17) Carbon Disulfide	2.57	76	145244	18.76	ug/l	99
18) Methyl Acetate	2.78	43	95598	21.12	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	200326	21.32	ug/l	97
20) Methylene Chloride	2.86	84	66856	20.20	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	59654	20.16	ug/l	95
22) Diisopropyl ether	3.87	45	200193	20.19	ug/l	96
23) Vinyl Acetate	3.82	43	908197	113.16	ug/l	97
24) 1,1-Dichloroethane	3.70	63	116587	20.82	ug/l	98
25) 2-Butanone	4.71	43	248798	96.90	ug/l	98
26) 2,2-Dichloropropane	4.58	77	78441	20.40	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	63419	19.19	ug/l	96
28) Bromochloromethane	5.02	49	52106	20.34	ug/l	95
29) Tetrahydrofuran	5.17	42	162660	105.05	ug/l	96
30) Chloroform	5.21	83	104425	19.10	ug/l	99
31) Cyclohexane	5.57	56	96760	20.24	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	86608	19.67	ug/l	100
36) 1,1-Dichloropropene	5.80	75	79470	17.98	ug/l	100
37) Ethyl Acetate	4.87	43	91011	18.11	ug/l	98
38) Carbon Tetrachloride	5.78	117	74065	17.16	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	93800	20.34	ug/l	96
40) Benzene	6.14	78	247226	18.85	ug/l	100
41) Methacrylonitrile	5.06	41	51316	18.53	ug/l	99
42) 1,2-Dichloroethane	6.20	62	82360	18.94	ug/l	99
43) Isopropyl Acetate	6.47	43	135631	20.32	ug/l	98
44) Trichloroethene	7.21	130	67795	19.90	ug/l	97
45) 1,2-Dichloropropane	7.52	63	64460	20.43	ug/l	99
46) Dibromomethane	7.67	93	39863	20.00	ug/l	99
47) Bromodichloromethane	7.90	83	72326	19.19	ug/l	99
48) Methyl methacrylate	7.78	41	69528	21.04	ug/l	97
49) 1,4-Dioxane	7.76	88	33629	430.03	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	469389	99.63	ug/l	98
52) Toluene	8.79	92	153923	19.92	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	82367	18.70	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	92656	20.64	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	61914	18.61	ug/l	97
56) Ethyl methacrylate	9.18	69	89982	19.12	ug/l	97
57) 1,3-Dichloropropane	9.37	76	104842	19.40	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	238242	103.74	ug/l	95
59) 2-Hexanone	9.50	43	364105	100.75	ug/l	96
60) Dibromochloromethane	9.59	129	57922	18.49	ug/l	100
61) 1,2-Dibromoethane	9.68	107	64387	20.26	ug/l	99
64) Tetrachloroethene	9.34	164	78283	18.02	ug/l	97
65) Chlorobenzene	10.14	112	171552	19.84	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	57584	19.32	ug/l	99
67) Ethyl Benzene	10.26	91	284725	20.26	ug/l	96
68) m/p-Xylenes	10.36	106	222215	41.04	ug/l	96
69) o-Xylene	10.70	106	106922	20.54	ug/l	99
70) Styrene	10.71	104	178610	20.71	ug/l	98
71) Bromoform	10.86	173	43502	17.77	ug/l #	97
73) Isopropylbenzene	11.02	105	292124	21.31	ug/l	99
74) N-amyl acetate	10.90	43	120254	20.84	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	90698	20.51	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	85648m	20.45	ug/l	
77) Bromobenzene	11.26	156	77213	20.38	ug/l	98
78) n-propylbenzene	11.36	91	338167	21.45	ug/l	100
79) 2-Chlorotoluene	11.42	91	199719	20.89	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	244368	21.20	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	25677	19.54	ug/l	96
82) 4-Chlorotoluene	11.51	91	233325	20.91	ug/l	100
83) tert-Butylbenzene	11.77	119	226415	20.64	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	250831	21.32	ug/l	99
85) sec-Butylbenzene	11.95	105	295730	21.15	ug/l	99
86) p-Isopropyltoluene	12.07	119	263325	21.33	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	142343	20.13	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	144407	19.77	ug/l	99
89) n-Butylbenzene	12.39	91	229333	20.38	ug/l	97
90) Hexachloroethane	12.60	117	36202	18.32	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	141392	19.76	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19296	20.44	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	101855	20.10	ug/l	99
94) Hexachlorobutadiene	13.79	225	50666	19.14	ug/l	97
95) Naphthalene	13.83	128	304970	21.46	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	105606	20.29	ug/l	99

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

