

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092818\
 Data File : VX004821.D
 Acq On : 28 Sep 2018 15:12
 Operator : JC/MD
 Sample : VX0928MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/1/2018 1:31:28 PM

Quant Time: Sep 29 06:52:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	236993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	364843	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	344818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206069	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	164956	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
35) Dibromofluoromethane	5.50	113	132548	42.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.74%	
50) Toluene-d8	8.72	98	508192	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.14	95	184975	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	70736	21.891	ug/l	99
3) Chloromethane	1.32	50	77180	19.687	ug/l	99
4) Vinyl Chloride	1.40	62	77451	21.064	ug/l	99
5) Bromomethane	1.64	94	36485	16.733	ug/l	97
6) Chloroethane	1.71	64	44126	20.655	ug/l	98
7) Trichlorofluoromethane	1.93	101	96923	21.292	ug/l	96
8) Diethyl Ether	2.19	74	38946	19.694	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.38	101	53834	20.762	ug/l	97
10) Methyl Iodide	2.51	142	39920	11.505	ug/l	99
11) Tert butyl alcohol	3.07	59	93838	99.131	ug/l	99
12) 1,1-Dichloroethene	2.37	96	51703	20.134	ug/l	96
13) Acrolein	2.29	56	50957	75.660	ug/l	94
14) Allyl chloride	2.73	41	117327	20.940	ug/l	95
15) Acrylonitrile	3.15	53	212298	101.879	ug/l	99
16) Acetone	2.45	43	193892	98.099	ug/l	98
17) Carbon Disulfide	2.57	76	149817	19.416	ug/l	99
18) Methyl Acetate	2.78	43	110460	22.058	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	190790	21.540	ug/l	98
20) Methylene Chloride	2.85	84	60142	20.432	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	55668	19.803	ug/l	93
22) Diisopropyl ether	3.87	45	197366	20.919	ug/l	95
23) Vinyl Acetate	3.82	43	866060	100.282	ug/l	96
24) 1,1-Dichloroethane	3.69	63	105919	18.820	ug/l	97
25) 2-Butanone	4.70	43	287230	98.589	ug/l	94
26) 2,2-Dichloropropane	4.58	77	77058	19.662	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	60493	19.264	ug/l	93
28) Bromochloromethane	5.01	49	49981	18.859	ug/l	89
29) Tetrahydrofuran	5.15	42	186334	102.902	ug/l	92
30) Chloroform	5.21	83	102603	19.290	ug/l	94
31) Cyclohexane	5.57	56	91891	21.333	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	87095	20.050	ug/l	99
36) 1,1-Dichloropropene	5.80	75	75107	17.803	ug/l	99
37) Ethyl Acetate	4.85	43	101817	18.182	ug/l	97
38) Carbon Tetrachloride	5.78	117	74546	16.810	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84287	19.566	ug/l	94
40) Benzene	6.14	78	231936	17.561	ug/l	99
41) Methacrylonitrile	5.06	41	55959	18.019	ug/l	96
42) 1,2-Dichloroethane	6.20	62	82336	17.634	ug/l	98
43) Isopropyl Acetate	6.46	43	146066	18.071	ug/l	95
44) Trichloroethene	7.21	130	60499	18.633	ug/l	93
45) 1,2-Dichloropropane	7.52	63	64176	19.814	ug/l	99
46) Dibromomethane	7.66	93	39786	19.546	ug/l	97
47) Bromodichloromethane	7.90	83	74630	19.582	ug/l	100
48) Methyl methacrylate	7.77	41	77068	21.007	ug/l	93
49) 1,4-Dioxane	7.76	88	35087	384.965	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	532255	104.584	ug/l	93
52) Toluene	8.79	92	144214	19.871	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	80748	18.750	ug/l	96
54) cis-1,3-Dichloropropene	8.44	75	89974	19.946	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	59379	18.679	ug/l	94
56) Ethyl methacrylate	9.18	69	89418	19.204	ug/l	94
57) 1,3-Dichloropropane	9.37	76	100666	19.026	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	262340	104.561	ug/l	93
59) 2-Hexanone	9.50	43	416441	98.195	ug/l	93
60) Dibromochloromethane	9.59	129	57884	18.207	ug/l	100
61) 1,2-Dibromoethane	9.68	107	60695	17.828	ug/l	100
64) Tetrachloroethene	9.34	164	58508	17.240	ug/l	98
65) Chlorobenzene	10.14	112	158437	17.918	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	55767	17.940	ug/l	99
67) Ethyl Benzene	10.26	91	266534	18.987	ug/l	99
68) m/p-Xylenes	10.36	106	208469	38.003	ug/l	94
69) o-Xylene	10.70	106	98680	19.585	ug/l	96
70) Styrene	10.71	104	166722	19.075	ug/l	97
71) Bromoform	10.86	173	46451	17.454	ug/l #	100
73) Isopropylbenzene	11.02	105	268928	20.705	ug/l	99
74) N-amyl acetate	10.90	43	127450	18.976	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	97816	18.500	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	87514m	18.948	ug/l	
77) Bromobenzene	11.26	156	72554	19.231	ug/l	96
78) n-propylbenzene	11.36	91	306019	20.534	ug/l	99
79) 2-Chlorotoluene	11.42	91	187028	20.134	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	226999	18.945	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.08	75	25200	16.277	ug/l	95
82) 4-Chlorotoluene	11.51	91	219979	20.119	ug/l	98
83) tert-Butylbenzene	11.77	119	218832	20.463	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	233804	18.921	ug/l	98
85) sec-Butylbenzene	11.94	105	269521	20.691	ug/l	98
86) p-Isopropyltoluene	12.07	119	239863	20.325	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	133874	19.003	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	134447	18.488	ug/l	97
89) n-Butylbenzene	12.39	91	208256	19.431	ug/l	97
90) Hexachloroethane	12.60	117	37087	18.875	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	132517	18.000	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22067	19.008	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	96190	18.626	ug/l	98
94) Hexachlorobutadiene	13.79	225	46906	17.515	ug/l	97
95) Naphthalene	13.83	128	301769	18.071	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	98800	18.520	ug/l	99

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

