

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002930.D
 Acq On : 27 Jun 2018 12:32
 Operator : JC/MD
 Sample : VX0627MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627MBS01

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 4:47:52 PM

Quant Time: Jun 28 03:47:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	247790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	331315	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	313888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199171	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	148657	43.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.80%	
35) Dibromofluoromethane	5.50	113	117562	44.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.62%	
50) Toluene-d8	8.72	98	431987	45.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.18%	
62) 4-Bromofluorobenzene	11.14	95	167010	45.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	38995	17.43	ug/l	98
3) Chloromethane	1.32	50	41760	17.40	ug/l	99
4) Vinyl Chloride	1.40	62	47379	16.91	ug/l	97
5) Bromomethane	1.64	94	28186	19.91	ug/l	100
6) Chloroethane	1.73	64	32735	18.58	ug/l	99
7) Trichlorofluoromethane	1.93	101	84512	17.88	ug/l	95
8) Diethyl Ether	2.19	74	29823	17.35	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48919	17.86	ug/l	99
10) Methyl Iodide	2.51	142	38124	18.24	ug/l	99
11) Tert butyl alcohol	3.06	59	59925	87.83	ug/l	97
12) 1,1-Dichloroethene	2.38	96	41534	17.00	ug/l	94
13) Acrolein	2.29	56	46755	125.75	ug/l	100
14) Allyl chloride	2.73	41	84812	17.61	ug/l	98
15) Acrylonitrile	3.15	53	124208	85.23	ug/l	99
16) Acetone	2.44	43	133165	93.89	ug/l	97
17) Carbon Disulfide	2.57	76	106849	16.41	ug/l	98
18) Methyl Acetate	2.78	43	76383	19.26	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	153053	17.42	ug/l	99
20) Methylene Chloride	2.86	84	48828	17.69	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	45066	16.93	ug/l	97
22) Diisopropyl ether	3.87	45	166281	18.06	ug/l	98
23) Vinyl Acetate	3.82	43	684781	87.82	ug/l	99
24) 1,1-Dichloroethane	3.70	63	90045	17.99	ug/l	98
25) 2-Butanone	4.70	43	187591	89.12	ug/l	97
26) 2,2-Dichloropropane	4.59	77	72111	17.72	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	53064	17.78	ug/l	97
28) Bromochloromethane	5.02	49	45707	19.08	ug/l	94
29) Tetrahydrofuran	5.16	42	113734	84.25	ug/l	97
30) Chloroform	5.21	83	91578	17.83	ug/l	92
31) Cyclohexane	5.58	56	73578	17.13	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	80176	17.74	ug/l	99
36) 1,1-Dichloropropene	5.80	75	64764	17.83	ug/l	99
37) Ethyl Acetate	4.86	43	68805	17.59	ug/l	99
38) Carbon Tetrachloride	5.78	117	70710	17.73	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76204	18.01	ug/l	98
40) Benzene	6.15	78	194124	18.39	ug/l	99
41) Methacrylonitrile	5.06	41	39915	17.72	ug/l	98
42) 1,2-Dichloroethane	6.20	62	77788	18.24	ug/l	100
43) Isopropyl Acetate	6.46	43	112850	17.20	ug/l	99
44) Trichloroethene	7.21	130	56569	17.97	ug/l	90
45) 1,2-Dichloropropane	7.52	63	52025	18.58	ug/l	99
46) Dibromomethane	7.67	93	35485	18.26	ug/l	99
47) Bromodichloromethane	7.90	83	65386	18.20	ug/l #	99
48) Methyl methacrylate	7.78	41	59127	17.49	ug/l	98
49) 1,4-Dioxane	7.76	88	23318	354.53	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	368272	89.72	ug/l	100
52) Toluene	8.79	92	124664	18.43	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	74375	18.28	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	67990	17.37	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	51871	18.67	ug/l	96
56) Ethyl methacrylate	9.18	69	70698	17.41	ug/l	97
57) 1,3-Dichloropropane	9.37	76	83162	18.22	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	117383	59.91	ug/l	99
59) 2-Hexanone	9.50	43	284337	91.14	ug/l	99
60) Dibromochloromethane	9.59	129	51403	17.57	ug/l	99
61) 1,2-Dibromoethane	9.68	107	53335	18.30	ug/l	100
64) Tetrachloroethene	9.34	164	63322	18.14	ug/l	97
65) Chlorobenzene	10.14	112	146868	18.42	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	52932	18.28	ug/l	99
67) Ethyl Benzene	10.26	91	243329	18.48	ug/l	99
68) m/p-Xylenes	10.36	106	190786	37.59	ug/l	99
69) o-Xylene	10.70	106	91395	18.49	ug/l	99
70) Styrene	10.71	104	148826	18.53	ug/l	98
71) Bromoform	10.86	173	39032	17.65	ug/l #	100
73) Isopropylbenzene	11.02	105	252638	18.86	ug/l	100
74) N-amyl acetate	6.46	43	112850	17.21	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	74661	18.09	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	66875m	18.54	ug/l	
77) Bromobenzene	11.26	156	69204	18.14	ug/l	99
78) n-propylbenzene	11.37	91	293688	19.26	ug/l	99
79) 2-Chlorotoluene	11.42	91	171606	18.58	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	214899	19.04	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	17769	16.69	ug/l	88
82) 4-Chlorotoluene	11.51	91	205914	18.84	ug/l	99
83) tert-Butylbenzene	11.77	119	210785	18.95	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	221691	18.96	ug/l	98
85) sec-Butylbenzene	11.95	105	258864	19.19	ug/l	100
86) p-Isopropyltoluene	12.07	119	231448	19.08	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	130009	18.66	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	130014	18.13	ug/l	99
89) n-Butylbenzene	12.39	91	200149	18.96	ug/l	99
90) Hexachloroethane	12.60	117	32121	17.80	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	129274	18.38	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15473	16.68	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	94674	18.49	ug/l	99
94) Hexachlorobutadiene	13.79	225	47705	18.68	ug/l	98
95) Naphthalene	13.84	128	246451	18.08	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	95894	18.75	ug/l	98

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

