

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072518\
 Data File : VX003661.D
 Acq On : 25 Jul 2018 16:49
 Operator : JC/SP
 Sample : VX0725MBSD01
 Misc : 5.0µ/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0725MBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/27/2018 5:29:47 PM

Quant Time: Jul 27 04:23:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	139027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	200343	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	181497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	96175	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	93614	45.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.92%	
35) Dibromofluoromethane	5.51	113	75870	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	
50) Toluene-d8	8.72	98	295281	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
62) 4-Bromofluorobenzene	11.14	95	103938	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	25137	15.88	ug/l	100
3) Chloromethane	1.32	50	35729	17.13	ug/l	98
4) Vinyl Chloride	1.40	62	38360	17.98	ug/l	97
5) Bromomethane	1.64	94	23028	22.35	ug/l	98
6) Chloroethane	1.72	64	25701	17.32	ug/l	98
7) Trichlorofluoromethane	1.93	101	50130	18.26	ug/l	97
8) Diethyl Ether	2.19	74	22368	18.59	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31745	18.78	ug/l	98
10) Methyl Iodide	2.51	142	38355	18.94	ug/l	98
11) Tert butyl alcohol	3.07	59	45881	93.20	ug/l	99
12) 1,1-Dichloroethene	2.37	96	29048	18.06	ug/l	92
13) Acrolein	2.29	56	19083	79.46	ug/l	99
14) Allyl chloride	2.73	41	58538	17.46	ug/l	96
15) Acrylonitrile	3.15	53	104118	87.54	ug/l	99
16) Acetone	2.45	43	79286	81.95	ug/l	99
17) Carbon Disulfide	2.57	76	75968	16.42	ug/l	100
18) Methyl Acetate	2.78	43	52354	17.92	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	107109	18.86	ug/l	98
20) Methylene Chloride	2.86	84	34527	18.01	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	31901	18.45	ug/l	99
22) Diisopropyl ether	3.87	45	115295	18.84	ug/l	89
23) Vinyl Acetate	3.82	43	485232	92.55	ug/l	100
24) 1,1-Dichloroethane	3.70	63	61558	17.84	ug/l	99
25) 2-Butanone	4.71	43	131172	87.76	ug/l	100
26) 2,2-Dichloropropane	4.59	77	44166	20.25	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	35339	18.82	ug/l	97
28) Bromochloromethane	5.02	49	22284	16.10	ug/l	94
29) Tetrahydrofuran	5.17	42	84757	87.11	ug/l	96
30) Chloroform	5.22	83	56068	17.92	ug/l	98
31) Cyclohexane	5.57	56	51045	18.43	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	45695	17.59	ug/l	98
36) 1,1-Dichloropropene	5.80	75	43993	18.79	ug/l	99
37) Ethyl Acetate	4.87	43	48472	17.21	ug/l	99
38) Carbon Tetrachloride	5.79	117	39930	17.69	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	50263	19.50	ug/l	99
40) Benzene	6.15	78	135224	19.51	ug/l	99
41) Methacrylonitrile	5.07	41	27713	17.77	ug/l	99
42) 1,2-Dichloroethane	6.20	62	45873	18.81	ug/l	100
43) Isopropyl Acetate	6.47	43	75466	18.37	ug/l	99
44) Trichloroethene	7.21	130	34251	18.43	ug/l	96
45) 1,2-Dichloropropane	7.52	63	32718	18.26	ug/l	99
46) Dibromomethane	7.67	93	20545	17.85	ug/l	99
47) Bromodichloromethane	7.90	83	37314	17.29	ug/l	98
48) Methyl methacrylate	7.78	41	38073	18.26	ug/l	98
49) 1,4-Dioxane	7.76	88	17308	372.16	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	248847	89.78	ug/l	100
52) Toluene	8.79	92	80069	18.59	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	43078	18.03	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	47985	18.25	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	32474	18.44	ug/l	98
56) Ethyl methacrylate	9.18	69	49521	18.90	ug/l	98
57) 1,3-Dichloropropane	9.37	76	53622	18.14	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	125507	95.32	ug/l	99
59) 2-Hexanone	9.50	43	186866	87.89	ug/l	100
60) Dibromochloromethane	9.59	129	29002	17.37	ug/l	99
61) 1,2-Dibromoethane	9.68	107	33143	18.08	ug/l	99
64) Tetrachloroethene	9.34	164	30738	18.52	ug/l	98
65) Chlorobenzene	10.14	112	87516	19.16	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	29172	18.37	ug/l	99
67) Ethyl Benzene	10.26	91	148262	19.39	ug/l	99
68) m/p-Xylenes	10.36	106	115268	39.30	ug/l	99
69) o-Xylene	10.70	106	54594	19.33	ug/l	99
70) Styrene	10.71	104	90445	19.07	ug/l	99
71) Bromoform	10.86	173	21131	16.83	ug/l #	99
73) Isopropylbenzene	11.02	105	147446	22.44	ug/l	100
74) N-amyl acetate	6.47	43	75466	22.02	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	48349	19.92	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	42805m	21.22	ug/l	
77) Bromobenzene	11.26	156	37742	21.15	ug/l	99
78) n-propylbenzene	11.36	91	168781	22.24	ug/l	100
79) 2-Chlorotoluene	11.42	91	99935	21.67	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	122869	22.10	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	13016	19.99	ug/l #	85
82) 4-Chlorotoluene	11.51	91	117333	21.60	ug/l	99
83) tert-Butylbenzene	11.77	119	112462	20.67	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	118802	20.79	ug/l	100
85) sec-Butylbenzene	11.95	105	134463	20.71	ug/l	100
86) p-Isopropyltoluene	12.07	119	121115	20.78	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	67633	20.35	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	64459	18.65	ug/l	99
89) n-Butylbenzene	12.39	91	104363	19.87	ug/l	99
90) Hexachloroethane	12.60	117	15979	18.11	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	63988	18.84	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	9244	18.30	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	44625	18.42	ug/l	100
94) Hexachlorobutadiene	13.79	225	20179	18.00	ug/l	99
95) Naphthalene	13.83	128	137074	18.70	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	44891	18.24	ug/l	99

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

