

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042318\
 Data File : VX001073.D
 Acq On : 23 Apr 2018 21:26
 Operator : JC/MD
 Sample : VX0423MBS01
 Misc : 5.00g/5.0mL/100uL/5mL/MSVOA_X/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0423MBS01

Manual Integrations
 APPROVED

sam
 4/24/2018 6:07:56 PM

Quant Time: Apr 24 08:47:16 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	199563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	272108	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	260927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174754	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	130725	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
35) Dibromofluoromethane	5.51	113	105074	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
50) Toluene-d8	8.72	98	373577	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.14	95	152229	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	52692	21.29	ug/l	98
3) Chloromethane	1.32	50	42728	18.54	ug/l	100
4) Vinyl Chloride	1.40	62	47736	19.98	ug/l	100
5) Bromomethane	1.64	94	32964	21.74	ug/l	98
6) Chloroethane	1.73	64	29372	20.69	ug/l	100
7) Trichlorofluoromethane	1.93	101	75070	20.92	ug/l	98
8) Diethyl Ether	2.19	74	27581	20.81	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	42588	20.26	ug/l	99
10) Methyl Iodide	2.51	142	21401	16.35	ug/l	98
11) Tert butyl alcohol	3.08	59	47364	124.15	ug/l	100
12) 1,1-Dichloroethene	2.38	96	38769	19.94	ug/l	98
13) Acrolein	2.30	56	17765	153.86	ug/l	100
14) Allyl chloride	2.73	41	71333	20.27	ug/l	99
15) Acrylonitrile	3.15	53	111771	108.25	ug/l	99
16) Acetone	2.45	43	112157	117.74	ug/l	99
17) Carbon Disulfide	2.57	76	95975	17.32	ug/l	99
18) Methyl Acetate	2.78	43	71109	24.67	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	140556	21.50	ug/l	98
20) Methylene Chloride	2.86	84	45821	21.96	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	41921	19.37	ug/l	99
22) Diisopropyl ether	3.88	45	141484	20.77	ug/l	98
23) Vinyl Acetate	3.83	43	569284	100.95	ug/l	100
24) 1,1-Dichloroethane	3.70	63	78061	20.43	ug/l	99
25) 2-Butanone	4.71	43	162861	109.52	ug/l	100
26) 2,2-Dichloropropane	4.59	77	56906	17.31	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	48346	20.05	ug/l	98
28) Bromochloromethane	5.03	49	31553	21.47	ug/l	97
29) Tetrahydrofuran	5.18	42	101611	108.13	ug/l	100
30) Chloroform	5.23	83	81349	20.56	ug/l	99
31) Cyclohexane	5.58	56	67863	19.03	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	72433	20.42	ug/l	99
36) 1,1-Dichloropropene	5.81	75	59779	18.69	ug/l	98
37) Ethyl Acetate	4.87	43	61651	21.02	ug/l	100
38) Carbon Tetrachloride	5.79	117	61398	18.96	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	68859	18.50	ug/l	96
40) Benzene	6.15	78	176594	19.86	ug/l	100
41) Methacrylonitrile	5.07	41	37211	20.32	ug/l	98
42) 1,2-Dichloroethane	6.21	62	69877	20.48	ug/l	99
43) Isopropyl Acetate	6.48	43	102629	20.39	ug/l	99
44) Trichloroethene	7.22	130	52222	19.23	ug/l	97
45) 1,2-Dichloropropane	7.52	63	45817	20.50	ug/l	97
46) Dibromomethane	7.67	93	31574	20.22	ug/l	99
47) Bromodichloromethane	7.91	83	57853	19.99	ug/l	97
48) Methyl methacrylate	7.79	41	55633	20.53	ug/l	98
49) 1,4-Dioxane	7.76	88	19511	489.66	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	331060	108.35	ug/l	97
52) Toluene	8.79	92	114971	19.81	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	66649	19.26	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	62218	19.07	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	47592	20.64	ug/l	99
56) Ethyl methacrylate	9.19	69	68842	20.32	ug/l	98
57) 1,3-Dichloropropane	9.38	76	77707	20.34	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	171388	103.67	ug/l	100
59) 2-Hexanone	9.51	43	250077	106.93	ug/l	98
60) Dibromochloromethane	9.59	129	47400	19.57	ug/l	99
61) 1,2-Dibromoethane	9.68	107	49658	20.40	ug/l	100
64) Tetrachloroethene	9.34	164	56744	20.48	ug/l	99
65) Chlorobenzene	10.15	112	141041	20.30	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	47572	19.95	ug/l	99
67) Ethyl Benzene	10.26	91	222554	19.29	ug/l	99
68) m/p-Xylenes	10.37	106	173765	38.21	ug/l	97
69) o-Xylene	10.71	106	84089	19.18	ug/l	97
70) Styrene	10.72	104	140969	19.52	ug/l	99
71) Bromoform	10.87	173	37045	18.50	ug/l #	99
73) Isopropylbenzene	11.02	105	230916	20.21	ug/l	99
74) N-amyl acetate	6.48	43	102629	21.00	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	70093	21.67	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	64903m	21.41	ug/l	
77) Bromobenzene	11.26	156	65926	19.88	ug/l	98
78) n-propylbenzene	11.37	91	258344	19.70	ug/l	100
79) 2-Chlorotoluene	11.43	91	156661	20.21	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	194826	20.12	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	14559	17.02	ug/l	88
82) 4-Chlorotoluene	11.52	91	185607	19.82	ug/l	98
83) tert-Butylbenzene	11.77	119	197205	20.19	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	200561	20.12	ug/l	99
85) sec-Butylbenzene	11.95	105	231529	19.85	ug/l	99
86) p-Isopropyltoluene	12.07	119	212490	19.70	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	118995	19.17	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	121865	19.12	ug/l	99
89) n-Butylbenzene	12.40	91	177962	18.54	ug/l	99
90) Hexachloroethane	12.60	117	29530	19.32	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	120798	20.10	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14603	21.55	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	93725	18.58	ug/l	98
94) Hexachlorobutadiene	13.79	225	42484	18.61	ug/l	99
95) Naphthalene	13.84	128	254712	20.53	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	93392	19.14	ug/l	100

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

