

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032918\
 Data File : VX000528.D
 Acq On : 29 Mar 2018 21:56
 Operator : JC/MD
 Sample : VX0329MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0329MBS01

Manual Integrations
 APPROVED

sam
 3/30/2018 4:11:00 PM

Quant Time: Mar 30 07:56:39 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	120248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	205854	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	205507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119788	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	74166	47.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.50%	
35) Dibromofluoromethane	5.51	113	58887	45.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.80%	
50) Toluene-d8	8.73	98	233539	43.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.94%	
62) 4-Bromofluorobenzene	11.15	95	88299	40.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	80.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	23834	17.98	ug/l	99
3) Chloromethane	1.32	50	24410	17.48	ug/l	99
4) Vinyl Chloride	1.41	62	30368	20.59	ug/l	99
5) Bromomethane	1.64	94	34363	19.48	ug/l	89
6) Chloroethane	1.73	64	22751	27.24	ug/l	97
7) Trichlorofluoromethane	1.93	101	60525	22.73	ug/l	100
8) Diethyl Ether	2.20	74	20731	21.79	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	32162	21.66	ug/l	99
10) Methyl Iodide	2.52	142	17661	15.25	ug/l	99
11) Tert butyl alcohol	3.08	59	61841	114.54	ug/l	99
12) 1,1-Dichloroethene	2.38	96	28440	21.82	ug/l	94
13) Acrolein	2.30	56	16968	107.26	ug/l	100
14) Allyl chloride	2.73	41	52769	22.87	ug/l	98
15) Acrylonitrile	3.16	53	123316	112.77	ug/l	99
16) Acetone	2.45	43	121451	93.01	ug/l	93
17) Carbon Disulfide	2.57	76	69996	20.20	ug/l	99
18) Methyl Acetate	2.79	43	65638	23.98	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	110554	22.93	ug/l	99
20) Methylene Chloride	2.87	84	34640	22.97	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	31987	22.00	ug/l	99
22) Diisopropyl ether	3.88	45	69973	17.17	ug/l	98
23) Vinyl Acetate	3.84	43	320695	83.03	ug/l	99
24) 1,1-Dichloroethane	3.70	63	44077	17.21	ug/l	99
25) 2-Butanone	4.72	43	134537	91.67	ug/l	99
26) 2,2-Dichloropropane	4.59	77	29201	16.26	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	26457	19.47	ug/l	95
28) Bromochloromethane	5.03	49	18497	17.51	ug/l	95
29) Tetrahydrofuran	5.18	42	87225	96.59	ug/l	97
30) Chloroform	5.23	83	48749	20.31	ug/l	99
31) Cyclohexane	5.59	56	37125	18.75	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	43264	19.98	ug/l	98
36) 1,1-Dichloropropene	5.81	75	35736	18.53	ug/l	99
37) Ethyl Acetate	4.87	43	47794	18.15	ug/l	100
38) Carbon Tetrachloride	5.79	117	35628	17.61	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.48	83	41681	17.77	ug/l	98
40) Benzene	6.15	78	108450	19.37	ug/l	96
41) Methacrylonitrile	5.07	41	25678	18.49	ug/l	98
42) 1,2-Dichloroethane	6.21	62	42736	19.45	ug/l	99
43) Isopropyl Acetate	6.48	43	73883	18.84	ug/l	98
44) Trichloroethene	7.22	130	30902	19.26	ug/l	100
45) 1,2-Dichloropropane	7.52	63	28291	19.74	ug/l	96
46) Dibromomethane	7.67	93	22398	19.91	ug/l	98
47) Bromodichloromethane	7.91	83	38777	19.59	ug/l	97
48) Methyl methacrylate	7.79	41	36129	18.98	ug/l	97
49) 1,4-Dioxane	7.77	88	16383	409.47	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	294774	97.13	ug/l	98
52) Toluene	8.79	92	73884	18.87	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	43630	19.02	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	40790	18.33	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	31281	19.43	ug/l	97
56) Ethyl methacrylate	9.19	69	45070	18.48	ug/l	98
57) 1,3-Dichloropropane	9.38	76	51897	20.16	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	92396	78.92	ug/l	99
59) 2-Hexanone	9.51	43	242812	94.23	ug/l	97
60) Dibromochloromethane	9.59	129	30989	19.04	ug/l	99
61) 1,2-Dibromoethane	9.68	107	34773	20.14	ug/l	97
64) Tetrachloroethene	9.34	164	29553	18.53	ug/l	93
65) Chlorobenzene	10.15	112	86928	19.01	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	30447	19.60	ug/l	98
67) Ethyl Benzene	10.26	91	148538	19.16	ug/l	98
68) m/p-Xylenes	10.37	106	115720	37.93	ug/l	100
69) o-Xylene	10.71	106	55654	18.84	ug/l	98
70) Styrene	10.72	104	92974	19.02	ug/l	98
71) Bromoform	10.87	173	23591	17.96	ug/l #	98
73) Isopropylbenzene	11.02	105	151530	19.09	ug/l	99
74) N-amyl acetate	6.48	43	73883	19.34	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	56191	20.02	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	48984m	19.03	ug/l	
77) Bromobenzene	11.26	156	38040	17.99	ug/l	97
78) n-propylbenzene	11.37	91	180228	19.04	ug/l	99
79) 2-Chlorotoluene	11.43	91	101478	18.56	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	128618	19.27	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	13341	16.78	ug/l	94
82) 4-Chlorotoluene	11.52	91	124527	19.08	ug/l	100
83) tert-Butylbenzene	11.78	119	127638	18.96	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	133140	19.03	ug/l	99
85) sec-Butylbenzene	11.95	105	160614	19.29	ug/l	99
86) p-Isopropyltoluene	12.07	119	140071	18.94	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	74548	18.65	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	76880	18.32	ug/l	98
89) n-Butylbenzene	12.40	91	132695	19.27	ug/l	99
90) Hexachloroethane	12.60	117	22125	19.01	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	75582	19.28	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14416	18.41	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	53645	19.09	ug/l	98
94) Hexachlorobutadiene	13.79	225	21929	18.85	ug/l	99
95) Naphthalene	13.84	128	190097	19.42	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	54108	19.49	ug/l	100

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

