

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042518\
 Data File : VX001120.D
 Acq On : 25 Apr 2018 15:17
 Operator : JC/MD
 Sample : VX0425MBS01
 Misc : 5.00µl/10mL/100µL/5mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425MBS01

Manual Integrations
 APPROVED

Sohil
 4/27/2018 1:46:49 AM

Quant Time: Apr 25 16:12:51 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	231923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	314579	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	201435	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	142094	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
35) Dibromofluoromethane	5.51	113	113409	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
50) Toluene-d8	8.72	98	397532	44.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.64%	
62) 4-Bromofluorobenzene	11.14	95	166161	44.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	58095	20.20	ug/l	95
3) Chloromethane	1.32	50	50391	18.81	ug/l	99
4) Vinyl Chloride	1.40	62	53066	19.12	ug/l	98
5) Bromomethane	1.65	94	37193	21.02	ug/l	97
6) Chloroethane	1.73	64	31248	18.94	ug/l	97
7) Trichlorofluoromethane	1.93	101	86817	20.82	ug/l	100
8) Diethyl Ether	2.19	74	31796	20.64	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49742	20.36	ug/l	99
10) Methyl Iodide	2.51	142	34483	19.73	ug/l	99
11) Tert butyl alcohol	3.07	59	53472	120.60	ug/l	99
12) 1,1-Dichloroethene	2.38	96	43928	19.44	ug/l	95
13) Acrolein	2.29	56	20799	154.92	ug/l	99
14) Allyl chloride	2.73	41	80932	19.79	ug/l	96
15) Acrylonitrile	3.15	53	131589	109.66	ug/l	99
16) Acetone	2.45	43	119924	108.33	ug/l	98
17) Carbon Disulfide	2.57	76	101428	15.75	ug/l	99
18) Methyl Acetate	2.78	43	86611	25.86	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	164791	21.69	ug/l	99
20) Methylene Chloride	2.86	84	51034	20.98	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	47100	18.72	ug/l	97
22) Diisopropyl ether	3.87	45	164557	20.79	ug/l	94
23) Vinyl Acetate	3.83	43	662158	101.03	ug/l	99
24) 1,1-Dichloroethane	3.70	63	86980	19.59	ug/l	99
25) 2-Butanone	4.71	43	188298	108.96	ug/l	100
26) 2,2-Dichloropropane	4.59	77	67699	17.72	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	55062	19.65	ug/l	98
28) Bromochloromethane	5.03	49	33562	19.65	ug/l	96
29) Tetrahydrofuran	5.17	42	118516	108.53	ug/l	100
30) Chloroform	5.22	83	93550	20.34	ug/l	98
31) Cyclohexane	5.58	56	77715	18.75	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	80634	19.56	ug/l	98
36) 1,1-Dichloropropene	5.81	75	67880	18.36	ug/l	99
37) Ethyl Acetate	4.87	43	71739	21.16	ug/l	100
38) Carbon Tetrachloride	5.79	117	68848	18.39	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	80213	18.64	ug/l	97
40) Benzene	6.15	78	200434	19.50	ug/l	100
41) Methacrylonitrile	5.07	41	42677	20.15	ug/l	98
42) 1,2-Dichloroethane	6.20	62	81546	20.67	ug/l	100
43) Isopropyl Acetate	6.48	43	119525	20.55	ug/l	99
44) Trichloroethene	7.22	130	59281	18.88	ug/l	100
45) 1,2-Dichloropropane	7.52	63	53036	20.52	ug/l	96
46) Dibromomethane	7.67	93	35994	19.93	ug/l	99
47) Bromodichloromethane	7.90	83	65233	19.50	ug/l	96
48) Methyl methacrylate	7.78	41	64454	20.58	ug/l	97
49) 1,4-Dioxane	7.76	88	21001	455.90	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	392571	111.14	ug/l	98
52) Toluene	8.79	92	130845	19.51	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	77157	19.29	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	71126	18.86	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	55544	20.83	ug/l	99
56) Ethyl methacrylate	9.19	69	81005	20.69	ug/l	98
57) 1,3-Dichloropropane	9.38	76	90238	20.43	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	197352	103.26	ug/l	100
59) 2-Hexanone	9.51	43	291087	107.66	ug/l	98
60) Dibromochloromethane	9.59	129	54123	19.33	ug/l	99
61) 1,2-Dibromoethane	9.68	107	57377	20.39	ug/l	100
64) Tetrachloroethene	9.34	164	63338	20.07	ug/l	99
65) Chlorobenzene	10.15	112	153757	19.43	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	54596	20.10	ug/l	99
67) Ethyl Benzene	10.26	91	255906	19.47	ug/l	99
68) m/p-Xylenes	10.37	106	200569	38.73	ug/l	97
69) o-Xylene	10.71	106	97848	19.60	ug/l	97
70) Styrene	10.72	104	162369	19.74	ug/l	100
71) Bromoform	10.86	173	41360	18.19	ug/l #	99
73) Isopropylbenzene	11.02	105	267008	20.28	ug/l	99
74) N-amyl acetate	6.48	43	119525	21.22	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	81477	21.86	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	77252m	22.10	ug/l	
77) Bromobenzene	11.26	156	76024	19.89	ug/l	99
78) n-propylbenzene	11.37	91	302740	20.03	ug/l	100
79) 2-Chlorotoluene	11.43	91	181839	20.35	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	227580	20.39	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	16753	17.00	ug/l #	84
82) 4-Chlorotoluene	11.52	91	216383	20.05	ug/l	98
83) tert-Butylbenzene	11.77	119	225771	20.05	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	235146	20.47	ug/l	99
85) sec-Butylbenzene	11.95	105	277845	20.67	ug/l	100
86) p-Isopropyltoluene	12.07	119	252922	20.34	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	139705	19.52	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	142344	19.38	ug/l	99
89) n-Butylbenzene	12.40	91	220268	19.91	ug/l	99
90) Hexachloroethane	12.60	117	34289	19.46	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	140223	20.24	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16505	21.13	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	111019	19.09	ug/l	99
94) Hexachlorobutadiene	13.79	225	56715	21.55	ug/l	98
95) Naphthalene	13.84	128	302718	21.16	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	111345	19.80	ug/l	99

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

