

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000934.D
 Acq On : 16 Apr 2018 21:47
 Operator : JC/MD
 Sample : VX0416MBSD01
 Misc : 5.00µl/10mL/100µL/5mL/MSVOA_X/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0416MBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/18/2018 2:45:09 PM

Quant Time: Apr 17 07:00:39 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	228330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	313488	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	203802	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	139086	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
35) Dibromofluoromethane	5.51	113	115210	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
50) Toluene-d8	8.72	98	420757	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	
62) 4-Bromofluorobenzene	11.15	95	173387	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	51233	19.88	ug/l	100
3) Chloromethane	1.32	50	46711	21.14	ug/l	99
4) Vinyl Chloride	1.40	62	52583	21.15	ug/l	99
5) Bromomethane	1.64	94	34206	32.77	ug/l	94
6) Chloroethane	1.73	64	33355	22.14	ug/l	98
7) Trichlorofluoromethane	1.93	101	81431	21.71	ug/l	99
8) Diethyl Ether	2.19	74	31779	22.68	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47820	21.63	ug/l	100
10) Methyl Iodide	2.51	142	24838	20.29	ug/l	97
11) Tert butyl alcohol	3.07	59	50030	97.88	ug/l	98
12) 1,1-Dichloroethene	2.38	96	44213	21.10	ug/l	97
13) Acrolein	2.30	56	22911	92.30	ug/l	94
14) Allyl chloride	2.73	41	80857	20.87	ug/l	99
15) Acrylonitrile	3.15	53	126896	116.44	ug/l	100
16) Acetone	2.45	43	105436	106.20	ug/l	97
17) Carbon Disulfide	2.57	76	105318	16.60	ug/l	100
18) Methyl Acetate	2.78	43	65472	25.48	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	160527	23.00	ug/l	98
20) Methylene Chloride	2.86	84	51159	22.15	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	48020	20.78	ug/l	99
22) Diisopropyl ether	3.88	45	166975	23.45	ug/l	99
23) Vinyl Acetate	3.83	43	702530	112.36	ug/l	99
24) 1,1-Dichloroethane	3.70	63	90821	22.73	ug/l	99
25) 2-Butanone	4.71	43	177807	108.45	ug/l	99
26) 2,2-Dichloropropane	4.59	77	70172	17.69	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	58370	22.26	ug/l	98
28) Bromochloromethane	5.03	49	32088	19.94	ug/l	96
29) Tetrahydrofuran	5.17	42	114445	109.94	ug/l	99
30) Chloroform	5.23	83	95602	22.60	ug/l	96
31) Cyclohexane	5.58	56	77519	20.43	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	85126	21.12	ug/l	99
36) 1,1-Dichloropropene	5.81	75	70372	20.38	ug/l	99
37) Ethyl Acetate	4.87	43	71367	21.17	ug/l	100
38) Carbon Tetrachloride	5.79	117	71211	18.43	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	79180	19.10	µg/l	98
40) Benzene	6.15	78	207190	21.60	µg/l	100
41) Methacrylonitrile	5.07	41	42960	22.06	µg/l	99
42) 1,2-Dichloroethane	6.21	62	80129	22.36	µg/l	99
43) Isopropyl Acetate	6.48	43	121000	20.94	µg/l	100
44) Trichloroethene	7.22	130	63091	21.15	µg/l	98
45) 1,2-Dichloropropane	7.52	63	53959	22.09	µg/l	96
46) Dibromomethane	7.67	93	36639	21.51	µg/l	99
47) Bromodichloromethane	7.91	83	69131	20.11	µg/l	98
48) Methyl methacrylate	7.79	41	63833	21.31	µg/l	100
49) 1,4-Dioxane	7.76	88	22007	365.61	µg/l	96
51) 4-Methyl-2-Pentanone	8.66	43	374511	110.34	µg/l	99
52) Toluene	8.79	92	135146	21.23	µg/l	99
53) t-1,3-Dichloropropene	8.45	75	81374	19.74	µg/l	99
54) cis-1,3-Dichloropropene	9.05	75	75753	18.87	µg/l	99
55) 1,1,2-Trichloroethane	9.22	97	56113	22.21	µg/l	99
56) Ethyl methacrylate	9.19	69	82741	21.23	µg/l	99
57) 1,3-Dichloropropane	9.38	76	91148	22.69	µg/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	197076	108.22	µg/l	99
59) 2-Hexanone	9.51	43	275311	105.06	µg/l	99
60) Dibromochloromethane	9.59	129	58522	19.36	µg/l	99
61) 1,2-Dibromoethane	9.68	107	58399	21.79	µg/l	100
64) Tetrachloroethene	9.34	164	64483	22.16	µg/l	98
65) Chlorobenzene	10.15	112	161115	21.52	µg/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	57812	20.52	µg/l	99
67) Ethyl Benzene	10.26	91	266901	21.38	µg/l	99
68) m/p-Xylenes	10.37	106	210293	42.68	µg/l	100
69) o-Xylene	10.71	106	101524	21.38	µg/l	99
70) Styrene	10.72	104	170120	21.25	µg/l	100
71) Bromoform	10.87	173	45894	17.59	µg/l #	100
73) Isopropylbenzene	11.02	105	275996	21.35	µg/l	100
74) N-amyl acetate	6.48	43	121000	20.78	µg/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	80942	21.57	µg/l	100
76) 1,2,3-Trichloropropane	11.30	75	75757m	21.55	µg/l	
77) Bromobenzene	11.26	156	80302	21.19	µg/l	99
78) n-propylbenzene	11.37	91	309757	20.95	µg/l	99
79) 2-Chlorotoluene	11.43	91	185607	21.24	µg/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	231409	20.81	µg/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19195	15.02	µg/l #	84
82) 4-Chlorotoluene	11.52	91	223443	21.18	µg/l	100
83) tert-Butylbenzene	11.77	119	237723	20.90	µg/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	238272	20.76	µg/l	99
85) sec-Butylbenzene	11.95	105	275746	20.55	µg/l	100
86) p-Isopropyltoluene	12.07	119	253560	20.26	µg/l	100
87) 1,3-Dichlorobenzene	12.03	146	148670	21.20	µg/l	99
88) 1,4-Dichlorobenzene	12.10	146	150334	20.92	µg/l	99
89) n-Butylbenzene	12.40	91	218978	19.82	µg/l	100
90) Hexachloroethane	12.60	117	35373	16.70	µg/l	98
91) 1,2-Dichlorobenzene	12.40	146	146669	21.66	µg/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16685	17.75	µg/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	119198	20.63	ug/l	100
94) Hexachlorobutadiene	13.79	225	48275	16.99	ug/l	99
95) Naphthalene	13.84	128	310725	20.95	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	115404	20.57	ug/l	99

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

