

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025755.D
 Acq On : 31 Jul 2018 21:38
 Operator : MD/SY
 Sample : VU0801MBS01
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/2/2018 9:40:58 AM

Quant Time: Aug 01 06:02:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 16:07:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	176717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	270871	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	261419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	165380	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	142562	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
35) Dibromofluoromethane	4.89	113	115774	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	7.57	98	410393	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	10.31	95	159202	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	57899	21.678	ug/l	98
3) Chloromethane	1.33	50	50494	19.779	ug/l	100
4) Vinyl Chloride	1.41	62	49714	20.693	ug/l	97
5) Bromomethane	1.63	94	24989	21.296	ug/l	97
6) Chloroethane	1.70	64	28278	20.130	ug/l	94
7) Trichlorofluoromethane	1.89	101	73141	21.057	ug/l	100
8) Diethyl Ether	2.10	74	26751	21.285	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.29	101	42373	21.080	ug/l	98
10) Methyl Iodide	2.41	142	27252	20.632	ug/l	100
11) Tert butyl alcohol	2.83	59	55683	92.369	ug/l	98
12) 1,1-Dichloroethene	2.28	96	38298	20.184	ug/l	97
13) Acrolein	2.19	56	26338	119.580	ug/l	96
14) Allyl chloride	2.59	41	65983	19.351	ug/l	99
15) Acrylonitrile	2.94	53	126902	105.435	ug/l	98
16) Acetone	2.32	43	116420	86.724	ug/l	99
17) Carbon Disulfide	2.48	76	119407	19.445	ug/l	99
18) Methyl Acetate	2.62	43	80110	24.794	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	148408	21.584	ug/l	100
20) Methylene Chloride	2.70	84	48284	20.295	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	45341	20.672	ug/l	99
22) Diisopropyl ether	3.57	45	143385	21.339	ug/l	98
23) Vinyl Acetate	3.53	43	602071	102.816	ug/l	99
24) 1,1-Dichloroethane	3.45	63	85590	21.220	ug/l	98
25) 2-Butanone	4.27	43	180016	98.509	ug/l	98
26) 2,2-Dichloropropane	4.23	77	65955	17.990	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	51965	21.014	ug/l	96
28) Bromochloromethane	4.55	49	37700	20.905	ug/l	97
29) Tetrahydrofuran	4.64	42	116915	106.789	ug/l	97
30) Chloroform	4.68	83	88281	20.735	ug/l	99
31) Cyclohexane	5.00	56	73402	20.112	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	83184	21.701	ug/l	99
36) 1,1-Dichloropropene	5.14	75	63787	20.150	ug/l	97
37) Ethyl Acetate	4.38	43	69069	21.042	ug/l	99
38) Carbon Tetrachloride	5.14	117	72022	20.087	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	72764	20.062	ug/l	98
40) Benzene	5.39	78	186770	20.185	ug/l	98
41) Methacrylonitrile	4.55	41	37838	20.755	ug/l	98
42) 1,2-Dichloroethane	5.41	62	72259	20.281	ug/l	99
43) Isopropyl Acetate	5.55	43	110610	20.393	ug/l	99
44) Trichloroethene	6.19	130	52668	20.439	ug/l	96
45) 1,2-Dichloropropane	6.44	63	49406	20.473	ug/l	100
46) Dibromomethane	6.56	93	35656	20.391	ug/l	99
47) Bromodichloromethane	6.76	83	67887	20.353	ug/l	99
48) Methyl methacrylate	6.63	41	55196	20.763	ug/l	99
49) 1,4-Dioxane	6.62	88	23486	363.046	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	348702	102.686	ug/l	100
52) Toluene	7.64	92	117839	20.499	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	76618	20.458	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	78581	20.426	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	48015	20.099	ug/l	99
56) Ethyl methacrylate	8.02	69	71225	20.867	ug/l	97
57) 1,3-Dichloropropane	8.25	76	83371	20.752	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	134982	91.933	ug/l	100
59) 2-Hexanone	8.36	43	267330	100.428	ug/l	99
60) Dibromochloromethane	8.48	129	56226	19.958	ug/l	99
61) 1,2-Dibromoethane	8.59	107	52999	19.948	ug/l	95
64) Tetrachloroethene	8.23	164	48044	20.880	ug/l	97
65) Chlorobenzene	9.12	112	137478	20.397	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	52011	21.332	ug/l	99
67) Ethyl Benzene	9.25	91	229166	20.526	ug/l	99
68) m/p-Xylenes	9.38	106	180224	42.047	ug/l	98
69) o-Xylene	9.78	106	86457	20.639	ug/l	98
70) Styrene	9.80	104	138559	20.477	ug/l	99
71) Bromoform	9.96	173	42186	19.954	ug/l #	99
73) Isopropylbenzene	10.17	105	234610	20.785	ug/l	100
74) N-amyl acetate	10.01	43	95231	20.666	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	77967	19.974	ug/l	96
76) 1,2,3-Trichloropropane	10.50	75	71074m	19.505	ug/l	
77) Bromobenzene	10.45	156	63411	20.367	ug/l	99
78) n-propylbenzene	10.59	91	270468	20.530	ug/l	98
79) 2-Chlorotoluene	10.66	91	160370	20.783	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	199992	20.862	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.52	75	19397m	13.348	ug/l	
82) 4-Chlorotoluene	10.77	91	189635	20.848	ug/l	99
83) tert-Butylbenzene	11.10	119	194639	20.436	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	204820	21.084	ug/l	99
85) sec-Butylbenzene	11.33	105	237824	20.452	ug/l	100
86) p-Isopropyltoluene	11.48	119	213791	20.532	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	117295	20.297	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	118764	19.715	ug/l	98
89) n-Butylbenzene	11.89	91	185907	19.348	ug/l	99
90) Hexachloroethane	12.15	117	36135	19.518	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	117753	20.788	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	18560	20.056	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	79579	20.815	ug/l	98
94) Hexachlorobutadiene	13.70	225	36392	18.058	ug/l	96
95) Naphthalene	13.74	128	237201	20.083	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	79010	20.717	ug/l	100

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

