

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
 Data File : VU025892.D
 Acq On : 06 Aug 2018 17:41
 Operator : MD/SY
 Sample : VU0806MBSD01
 Misc : 5.00µ/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806MBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/7/2018 1:51:38 PM

Quant Time: Aug 07 07:53:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 00:49:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	168230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	247413	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	246820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	152852	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	133084	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
35) Dibromofluoromethane	4.89	113	108305	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	7.57	98	379306	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	10.31	95	142188	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	40884	16.08	ug/l	100
3) Chloromethane	1.34	50	44082	18.14	ug/l	99
4) Vinyl Chloride	1.41	62	41692	18.23	ug/l	98
5) Bromomethane	1.63	94	25818	23.11	ug/l	94
6) Chloroethane	1.70	64	26907	20.12	ug/l	98
7) Trichlorofluoromethane	1.89	101	64354	19.46	ug/l	99
8) Diethyl Ether	2.10	74	22545	18.84	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.29	101	38579	20.16	ug/l	97
10) Methyl Iodide	2.41	142	31430	23.18	ug/l	99
11) Tert butyl alcohol	2.83	59	54337	94.68	ug/l	100
12) 1,1-Dichloroethene	2.28	96	36804	20.38	ug/l	92
13) Acrolein	2.20	56	35244	168.92	ug/l	97
14) Allyl chloride	2.60	41	61835	19.05	ug/l	99
15) Acrylonitrile	2.94	53	122410	106.83	ug/l	98
16) Acetone	2.32	43	137645	107.71	ug/l	97
17) Carbon Disulfide	2.48	76	109616	18.75	ug/l	99
18) Methyl Acetate	2.62	43	57831	18.80	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	135115	20.64	ug/l	98
20) Methylene Chloride	2.71	84	46145	20.37	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	40919	19.60	ug/l	98
22) Diisopropyl ether	3.58	45	133042	20.80	ug/l	97
23) Vinyl Acetate	3.53	43	584302	104.82	ug/l	99
24) 1,1-Dichloroethane	3.45	63	78225	20.37	ug/l	100
25) 2-Butanone	4.27	43	211417	121.53	ug/l	99
26) 2,2-Dichloropropane	4.23	77	66305	19.00	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	46235	19.64	ug/l	99
28) Bromochloromethane	4.55	49	35648	20.76	ug/l	95
29) Tetrahydrofuran	4.64	42	107377	103.03	ug/l	99
30) Chloroform	4.68	83	82951	20.47	ug/l	100
31) Cyclohexane	5.00	56	67647	19.43	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	75292	20.63	ug/l	99
36) 1,1-Dichloropropene	5.14	75	59278	20.50	ug/l	96
37) Ethyl Acetate	4.38	43	64657	21.57	ug/l	98
38) Carbon Tetrachloride	5.14	117	68090	20.79	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	63047	19.03	ug/l	99
40) Benzene	5.39	78	171282	20.27	ug/l	97
41) Methacrylonitrile	4.55	41	35662	21.42	ug/l	99
42) 1,2-Dichloroethane	5.41	62	68684	21.10	ug/l	99
43) Isopropyl Acetate	5.55	43	102069	20.60	ug/l	100
44) Trichloroethene	6.19	130	47680	20.26	ug/l	100
45) 1,2-Dichloropropane	6.44	63	46905	21.28	ug/l	93
46) Dibromomethane	6.56	93	32330	20.24	ug/l	98
47) Bromodichloromethane	6.76	83	63273	20.77	ug/l	94
48) Methyl methacrylate	6.63	41	50341	20.73	ug/l	98
49) 1,4-Dioxane	6.62	88	21514	364.09	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	405778	130.82	ug/l	100
52) Toluene	7.64	92	108735	20.71	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	69313	20.26	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	73058	20.79	ug/l	96
55) 1,1,2-Trichloroethane	8.07	97	45121	20.68	ug/l	98
56) Ethyl methacrylate	8.02	69	62918	20.18	ug/l	99
57) 1,3-Dichloropropane	8.25	76	76431	20.83	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	114466	85.86	ug/l	99
59) 2-Hexanone	8.36	43	306093	125.89	ug/l	99
60) Dibromochloromethane	8.48	129	51677	20.08	ug/l	99
61) 1,2-Dibromoethane	8.59	107	50923	20.98	ug/l	97
64) Tetrachloroethene	8.23	164	46571	21.44	ug/l	96
65) Chlorobenzene	9.12	112	125481	19.72	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	47213	20.51	ug/l	98
67) Ethyl Benzene	9.25	91	207816	19.72	ug/l	99
68) m/p-Xylenes	9.38	106	164456	40.64	ug/l	97
69) o-Xylene	9.78	106	76967	19.46	ug/l	96
70) Styrene	9.80	104	129165	20.22	ug/l	99
71) Bromoform	9.96	173	38596	19.34	ug/l #	97
73) Isopropylbenzene	10.17	105	210100	20.14	ug/l	99
74) N-amyl acetate	10.02	43	86169	20.23	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	72335	20.05	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	64332m	19.10	ug/l	
77) Bromobenzene	10.46	156	58435	20.31	ug/l	99
78) n-propylbenzene	10.59	91	246179	20.22	ug/l	99
79) 2-Chlorotoluene	10.66	91	147258	20.65	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	183875	20.75	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	22849m	17.01	ug/l	
82) 4-Chlorotoluene	10.78	91	175414	20.87	ug/l	99
83) tert-Butylbenzene	11.10	119	170298	19.35	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	184698	20.57	ug/l	99
85) sec-Butylbenzene	11.33	105	211912	19.72	ug/l	100
86) p-Isopropyltoluene	11.48	119	189816	19.72	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	105860	19.82	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	108293	19.45	ug/l	99
89) n-Butylbenzene	11.89	91	161968	18.24	ug/l	100
90) Hexachloroethane	12.15	117	32228	18.83	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	104844	20.03	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	17145	20.05	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	65433	18.52	ug/l	98
94) Hexachlorobutadiene	13.70	225	30132	16.18	ug/l	99
95) Naphthalene	13.75	128	189517	17.53	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	67644	19.19	ug/l	99

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

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