

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100819\
 Data File : VU034988.D
 Acq On : 08 Oct 2019 13:04
 Operator : JC/SP
 Sample : MDL06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 3:48:06 PM

Quant Time: Oct 09 07:55:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 09 07:15:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	178348	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	179783	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	76962	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	44643	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.67	69	42469	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.26	63	70425	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	4.19	46	154785	49.86	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.72%
24) Chloroform-d	4.62	84	87285	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.29	65	56709	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.32	84	191662	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.31	67	67344	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.54	98	171694	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	7.84	79	19789	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.30	63	110999	46.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.02%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	55447	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	65034	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	4295	0.264 ug/L	100
3) Chloromethane	1.32	50	5134	0.287 ug/L	96
5) Vinyl chloride	1.40	62	4829	0.275 ug/L	86
6) Bromomethane	1.62	94	2718	0.278 ug/L	95
8) Chloroethane	1.69	64	2990	0.284 ug/L	97
9) Trichlorofluoromethane	1.88	101	6082	0.286 ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3728	0.306 ug/L	89
12) 1,1-Dichloroethene	2.27	96	3689	0.322 ug/L #	1
13) Acetone	2.34	43	6993	2.750 ug/L	89
14) Carbon disulfide	2.46	76	10691	0.280 ug/L	97
15) Methyl Acetate	2.62	43	2056	0.304 ug/L	92
16) Methylene chloride	2.68	84	6076	0.428 ug/L	85
17) Methyl tert-butyl Ether	2.99	73	8742	0.280 ug/L	98
18) trans-1,2-Dichloroethene	2.96	96	3340	0.272 ug/L	95
19) 1,1-Dichloroethane	3.42	63	6401	0.263 ug/L	97
21) 2-Butanone	4.29	43	9983	2.757 ug/L	87
22) cis-1,2-Dichloroethene	4.20	96	3527	0.258 ug/L	82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.53	128	1459	0.254	ug/L	95
25) Chloroform	4.65	83	20122	0.735	ug/L	100
27) 1,2-Dichloroethane	5.39	62	4296	0.269	ug/L #	94
29) 1,1,1-Trichloroethane	4.89	97	5097	0.252	ug/L #	84
30) Cyclohexane	4.97	56	5298	0.239	ug/L	91
31) Carbon tetrachloride	5.11	117	4107	0.235	ug/L	91
33) Benzene	5.37	78	13572	0.251	ug/L	100
34) Trichloroethene	6.17	95	3400	0.243	ug/L	90
35) Methylcyclohexane	6.39	83	5292	0.234	ug/L	95
37) 1,2-Dichloropropane	6.41	63	4120	0.282	ug/L #	91
38) Bromodichloromethane	6.74	83	4130	0.241	ug/L #	95
39) cis-1,3-Dichloropropene	7.25	75	4653m	0.235	ug/L	
40) 4-Methyl-2-pentanone	7.45	43	20705	2.252	ug/L #	85
42) Toluene	7.62	91	14833	0.262	ug/L	92
44) trans-1,3-Dichloropropene	7.87	75	3475m	0.227	ug/L	
45) 1,1,2-Trichloroethane	8.05	97	2354	0.243	ug/L #	91
47) Tetrachloroethene	8.21	164	3045	0.269	ug/L	86
48) 2-Hexanone	8.35	43	19433	3.083	ug/L #	84
49) Dibromochloromethane	8.46	129	2757	0.246	ug/L	82
50) 1,2-Dibromoethane	8.57	107	2374	0.256	ug/L #	87
51) Chlorobenzene	9.10	112	9719	0.265	ug/L	96
52) Ethylbenzene	9.23	91	14484	0.232	ug/L	98
53) m,p-Xylene	9.36	106	5067	0.220	ug/L	94
54) o-Xylene	9.76	106	5017	0.222	ug/L	89
55) Styrene	9.78	104	7643	0.209	ug/L	96
56) Isopropylbenzene	10.14	105	13144	0.219	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.44	83	3482	0.264	ug/L #	86
59) 1,2,3-Trichloropropane	10.47	75	2516	0.266	ug/L	99
61) Bromoform	9.94	173	1381	0.262	ug/L #	95
62) 1,3-Dichlorobenzene	11.40	146	6465	0.273	ug/L	97
63) 1,4-Dichlorobenzene	11.49	146	6871	0.287	ug/L	94
65) 1,2-Dichlorobenzene	11.85	146	6880	0.301	ug/L	97
67) 1,3,5-Trichlorobenzene	12.88	180	3153	0.196	ug/L	93
70) 1,2,3-Trichlorobenzene	13.99	180	1854m	0.159	ug/L	

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

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