

Data File : VU034985.D
Acq On : 08 Oct 2019 11:51
Operator : JC/SP
Sample : MDL03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 09 07:47:45 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	178918	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	178187	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	77861	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	46378	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.67	69	45371	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.26	63	73427	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.19	46	158871	51.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.02%
24) Chloroform-d	4.62	84	87900	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.29	65	57590	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.32	84	196211	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.31	67	67626	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.54	98	179491	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.84	79	20677	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.30	63	112257	46.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.90%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57730	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	67142	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	4294	0.263 ug/L	93
3) Chloromethane	1.32	50	4837	0.270 ug/L	97
5) Vinyl chloride	1.40	62	4945	0.281 ug/L #	82
6) Bromomethane	1.62	94	2499	0.255 ug/L	90
8) Chloroethane	1.69	64	2893	0.274 ug/L	95
9) Trichlorofluoromethane	1.88	101	5829	0.274 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	3855	0.315 ug/L #	84
12) 1,1-Dichloroethene	2.27	96	3397	0.296 ug/L #	1
13) Acetone	2.33	43	7789	3.053 ug/L	88
14) Carbon disulfide	2.47	76	9849	0.258 ug/L	97
15) Methyl Acetate	2.61	43	1922	0.283 ug/L #	74
16) Methylene chloride	2.68	84	6096	0.428 ug/L	90
17) Methyl tert-butyl Ether	2.99	73	8910	0.284 ug/L #	93
18) trans-1,2-Dichloroethene	2.97	96	3462	0.281 ug/L	91
19) 1,1-Dichloroethane	3.42	63	6867	0.281 ug/L	92
21) 2-Butanone	4.28	43	10331	2.844 ug/L	93
22) cis-1,2-Dichloroethene	4.20	96	3568	0.260 ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.53	128	1311	0.228	ug/L	89
25) Chloroform	4.65	83	25138	0.915	ug/L	99
27) 1,2-Dichloroethane	5.39	62	4183	0.261	ug/L	99
29) 1,1,1-Trichloroethane	4.89	97	5360	0.268	ug/L	95
30) Cyclohexane	4.97	56	5354	0.243	ug/L #	92
31) Carbon tetrachloride	5.11	117	4308	0.248	ug/L	96
33) Benzene	5.37	78	14103m	0.263	ug/L	
34) Trichloroethene	6.16	95	3749	0.271	ug/L	86
35) Methylcyclohexane	6.40	83	5608	0.250	ug/L	95
37) 1,2-Dichloropropane	6.42	63	4049	0.280	ug/L #	91
38) Bromodichloromethane	6.74	83	4361	0.257	ug/L	95
39) cis-1,3-Dichloropropene	7.26	75	4474	0.228	ug/L	95
40) 4-Methyl-2-pentanone	7.45	43	20123	2.208	ug/L #	84
42) Toluene	7.62	91	14494	0.259	ug/L	94
44) trans-1,3-Dichloropropene	7.87	75	3479	0.229	ug/L	88
45) 1,1,2-Trichloroethane	8.06	97	2460	0.256	ug/L	81
47) Tetrachloroethene	8.21	164	2914	0.260	ug/L	90
48) 2-Hexanone	8.35	43	16723	2.677	ug/L	93
49) Dibromochloromethane	8.46	129	2418	0.218	ug/L	93
50) 1,2-Dibromoethane	8.57	107	2195	0.239	ug/L #	90
51) Chlorobenzene	9.10	112	8947	0.246	ug/L	94
52) Ethylbenzene	9.23	91	15140	0.245	ug/L	95
53) m,p-Xylene	9.36	106	5179	0.227	ug/L	85
54) o-Xylene	9.76	106	4944	0.221	ug/L	95
55) Styrene	9.78	104	7652m	0.211	ug/L	
56) Isopropylbenzene	10.14	105	12557	0.211	ug/L	95
58) 1,1,2,2-Tetrachloroethane	10.43	83	3204	0.245	ug/L #	93
59) 1,2,3-Trichloropropane	10.48	75	2583	0.276	ug/L	94
61) Bromoform	9.94	173	1208	0.226	ug/L #	88
62) 1,3-Dichlorobenzene	11.40	146	6462	0.269	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	6436	0.266	ug/L	90
65) 1,2-Dichlorobenzene	11.86	146	6688	0.289	ug/L	97
67) 1,3,5-Trichlorobenzene	12.87	180	3252	0.200	ug/L #	95
70) 1,2,3-Trichlorobenzene	14.00	180	1893m	0.160	ug/L	

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

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