

Data File : VU035038.D
Acq On : 10 Oct 2019 10:41
Operator : JC/SP
Sample : MDL03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Manual Integrations
APPROVED

MMDadoda
10/11/2019 8:32:23 AM

Quant Time: Oct 11 03:01:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 11 02:39:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	162720	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	167626	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	69247	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	57478	5.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.60%
7) Chloroethane-d5	1.67	69	51452	5.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.60%
11) 1,1-Dichloroethene-d2	2.26	63	82633	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.40%
20) 2-Butanone-d5	4.18	46	162579	57.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.80%
24) Chloroform-d	4.62	84	97291	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
26) 1,2-Dichloroethane-d4	5.29	65	58039	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.32	84	203798	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.31	67	70620	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.40%
41) Toluene-d8	7.55	98	184631	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	7.84	79	22012	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.30	63	117488	52.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.48%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57959	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	67465	5.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	4181	0.281 ug/L	98
3) Chloromethane	1.32	50	5044	0.309 ug/L	98
5) Vinyl chloride	1.40	62	5123	0.320 ug/L #	73
6) Bromomethane	1.62	94	2788	0.313 ug/L	81
8) Chloroethane	1.69	64	2901	0.302 ug/L	92
9) Trichlorofluoromethane	1.88	101	5623	0.290 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3593	0.323 ug/L #	87
12) 1,1-Dichloroethene	2.27	96	3756	0.359 ug/L #	1
13) Acetone	2.32	43	9279	4.000 ug/L	94
14) Carbon disulfide	2.47	76	9899	0.285 ug/L	99
15) Methyl Acetate	2.61	43	2500	0.405 ug/L #	77
16) Methylene chloride	2.69	84	5928	0.458 ug/L	85
17) Methyl tert-butyl Ether	2.99	73	8491	0.298 ug/L #	86
18) trans-1,2-Dichloroethene	2.96	96	3355	0.300 ug/L #	81
19) 1,1-Dichloroethane	3.42	63	6914	0.311 ug/L	95
21) 2-Butanone	4.27	43	10782m	3.264 ug/L	
22) cis-1,2-Dichloroethene	4.20	96	3636	0.291 ug/L	99

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

23) Bromochloromethane	4.54	128	1602	0.306	ug/L #	96
25) Chloroform	4.66	83	16246	0.650	ug/L	97
27) 1,2-Dichloroethane	5.39	62	4204	0.288	ug/L	96
29) 1,1,1-Trichloroethane	4.89	97	5468	0.290	ug/L	94
30) Cyclohexane	4.97	56	5503	0.266	ug/L	94
31) Carbon tetrachloride	5.11	117	4481	0.275	ug/L	91
33) Benzene	5.37	78	14038	0.278	ug/L	100
34) Trichloroethene	6.17	95	3554	0.273	ug/L	94
35) Methylcyclohexane	6.40	83	5683	0.269	ug/L	96
37) 1,2-Dichloropropane	6.42	63	4308	0.316	ug/L #	88
38) Bromodichloromethane	6.74	83	4562	0.286	ug/L	96
39) cis-1,3-Dichloropropene	7.26	75	5009	0.271	ug/L	95
40) 4-Methyl-2-pentanone	7.45	43	22282	2.599	ug/L #	89
42) Toluene	7.62	91	15441	0.293	ug/L	93
44) trans-1,3-Dichloropropene	7.87	75	3919m	0.274	ug/L	
45) 1,1,2-Trichloroethane	8.05	97	2674	0.296	ug/L	94
47) Tetrachloroethene	8.21	164	2827	0.268	ug/L	90
48) 2-Hexanone	8.36	43	22489	3.826	ug/L #	93
49) Dibromochloromethane	8.46	129	2649	0.253	ug/L	88
50) 1,2-Dibromoethane	8.57	107	2370	0.274	ug/L #	96
51) Chlorobenzene	9.10	112	9732	0.285	ug/L	98
52) Ethylbenzene	9.23	91	15399	0.265	ug/L	97
53) m,p-Xylene	9.36	106	5424	0.252	ug/L	89
54) o-Xylene	9.76	106	5466	0.260	ug/L	99
55) Styrene	9.78	104	7969	0.234	ug/L	96
56) Isopropylbenzene	10.15	105	13846	0.247	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.44	83	3748	0.305	ug/L #	84
59) 1,2,3-Trichloropropane	10.48	75	2537	0.288	ug/L	99
61) Bromoform	9.94	173	1121	0.236	ug/L #	71
62) 1,3-Dichlorobenzene	11.40	146	6517	0.305	ug/L	100
63) 1,4-Dichlorobenzene	11.49	146	7151	0.332	ug/L	95
65) 1,2-Dichlorobenzene	11.86	146	6868	0.334	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.65	75	298m	0.228	ug/L	
67) 1,3,5-Trichlorobenzene	12.87	180	3612m	0.250	ug/L	
68) 1,2,4-trichlorobenzene	13.51	180	1590m	0.147	ug/L	
69) Naphthalene	13.76	128	2505m	0.149	ug/L	
70) 1,2,3-Trichlorobenzene	13.99	180	1986m	0.189	ug/L	

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

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