

Data File : VU035040.D
Acq On : 10 Oct 2019 11:54
Operator : JC/SP
Sample : MDL05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Manual Integrations
APPROVED

MMDadoda
10/11/2019 8:32:28 AM

Quant Time: Oct 11 03:04:20 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	159795	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	164182	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	70204	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	56641	6.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.00%
7) Chloroethane-d5	1.68	69	52455	5.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.00%
11) 1,1-Dichloroethene-d2	2.26	63	83520	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.80%
20) 2-Butanone-d5	4.19	46	167608	60.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.50%
24) Chloroform-d	4.62	84	96110	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	5.29	65	58039	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
32) Benzene-d6	5.32	84	205993	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
36) 1,2-Dichloropropane-d6	6.31	67	70955	5.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.20%
41) Toluene-d8	7.55	98	184735	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	7.84	79	21940	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.30	63	118988	54.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.02%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	59273	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	66079	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	4903	0.336 ug/L	94
3) Chloromethane	1.32	50	6440	0.402 ug/L	99
5) Vinyl chloride	1.40	62	5772	0.367 ug/L	85
6) Bromomethane	1.62	94	3266	0.373 ug/L	91
8) Chloroethane	1.69	64	3445	0.365 ug/L	96
9) Trichlorofluoromethane	1.88	101	7112	0.374 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	4523	0.414 ug/L #	86
12) 1,1-Dichloroethene	2.27	96	4201	0.409 ug/L #	1
13) Acetone	2.34	43	9920	4.354 ug/L	95
14) Carbon disulfide	2.47	76	11451	0.335 ug/L #	95
15) Methyl Acetate	2.62	43	2236	0.369 ug/L #	77
16) Methylene chloride	2.69	84	6374	0.502 ug/L	82
17) Methyl tert-butyl Ether	2.99	73	10681	0.381 ug/L	96
18) trans-1,2-Dichloroethene	2.96	96	3900	0.355 ug/L	92
19) 1,1-Dichloroethane	3.42	63	8262	0.378 ug/L	99
21) 2-Butanone	4.28	43	12256m	3.778 ug/L	
22) cis-1,2-Dichloroethene	4.20	96	4408	0.360 ug/L	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.53	128	1804	0.351	ug/L	79
25) Chloroform	4.65	83	18425	0.751	ug/L	95
27) 1,2-Dichloroethane	5.39	62	5312	0.371	ug/L #	95
29) 1,1,1-Trichloroethane	4.89	97	5893	0.320	ug/L	94
30) Cyclohexane	4.96	56	6448	0.318	ug/L	97
31) Carbon tetrachloride	5.11	117	5433	0.340	ug/L	93
33) Benzene	5.37	78	16834	0.340	ug/L	100
34) Trichloroethene	6.17	95	4390	0.344	ug/L	92
35) Methylcyclohexane	6.39	83	6577	0.318	ug/L	97
37) 1,2-Dichloropropane	6.41	63	3834	0.287	ug/L #	90
38) Bromodichloromethane	6.74	83	4861	0.311	ug/L	80
39) cis-1,3-Dichloropropene	7.25	75	5714m	0.316	ug/L	
40) 4-Methyl-2-pentanone	7.45	43	26565	3.164	ug/L	97
42) Toluene	7.62	91	16806	0.326	ug/L	98
44) trans-1,3-Dichloropropene	7.87	75	4201m	0.300	ug/L	
45) 1,1,2-Trichloroethane	8.05	97	3114	0.352	ug/L	93
47) Tetrachloroethene	8.21	164	3382	0.328	ug/L	95
48) 2-Hexanone	8.36	43	24774	4.303	ug/L #	89
49) Dibromochloromethane	8.46	129	3270	0.319	ug/L	100
50) 1,2-Dibromoethane	8.57	107	2604	0.308	ug/L #	99
51) Chlorobenzene	9.10	112	11387	0.340	ug/L	98
52) Ethylbenzene	9.23	91	17633	0.309	ug/L	94
53) m,p-Xylene	9.36	106	6425	0.305	ug/L	97
54) o-Xylene	9.76	106	6072	0.295	ug/L	100
55) Styrene	9.78	104	9173	0.275	ug/L	90
56) Isopropylbenzene	10.15	105	16873	0.307	ug/L	94
58) 1,1,2,2-Tetrachloroethane	10.44	83	4032	0.335	ug/L #	84
59) 1,2,3-Trichloropropane	10.48	75	3042	0.352	ug/L	100
61) Bromoform	9.94	173	1588	0.330	ug/L #	95
62) 1,3-Dichlorobenzene	11.40	146	7380	0.341	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	8275	0.379	ug/L	97
65) 1,2-Dichlorobenzene	11.86	146	8082	0.387	ug/L	92
66) 1,2-Dibromo-3-chloropropan	12.64	75	421m	0.317	ug/L	
67) 1,3,5-Trichlorobenzene	12.87	180	4365	0.298	ug/L #	88
68) 1,2,4-trichlorobenzene	13.50	180	1793m	0.164	ug/L	
69) Naphthalene	13.76	128	2704m	0.159	ug/L	
70) 1,2,3-Trichlorobenzene	13.98	180	2544m	0.239	ug/L	

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

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