

Data File : VU035037.D
Acq On : 10 Oct 2019 10:17
Operator : JC/SP
Sample : MDL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Manual Integrations
APPROVED

MMDadoda
10/11/2019 8:46:54 AM

Quant Time: Oct 11 02:58:57 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	171706	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	173193	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	74195	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	57225	5.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.80%
7) Chloroethane-d5	1.68	69	51639	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.00%
11) 1,1-Dichloroethene-d2	2.26	63	85912	4.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.20%
20) 2-Butanone-d5	4.19	46	172687	57.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.54%
24) Chloroform-d	4.62	84	102396	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	5.29	65	60355	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.32	84	212710	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.31	67	70912	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.55	98	190058	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.84	79	21900	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.30	63	122323	52.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.28%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	59515	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	67599	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	5136	0.327 ug/L	96
3) Chloromethane	1.32	50	6395	0.372 ug/L	100
5) Vinyl chloride	1.40	62	6324	0.374 ug/L	89
6) Bromomethane	1.62	94	3770	0.401 ug/L	95
8) Chloroethane	1.69	64	3411	0.336 ug/L	94
9) Trichlorofluoromethane	1.88	101	6996	0.342 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	4562	0.389 ug/L	91
12) 1,1-Dichloroethene	2.27	96	4194	0.380 ug/L #	1
13) Acetone	2.34	43	10833	4.425 ug/L	91
14) Carbon disulfide	2.47	76	12034	0.328 ug/L #	92
15) Methyl Acetate	2.61	43	2812	0.432 ug/L #	81
16) Methylene chloride	2.69	84	6368	0.466 ug/L	87
17) Methyl tert-butyl Ether	2.99	73	10910	0.363 ug/L	99
18) trans-1,2-Dichloroethene	2.96	96	4360	0.369 ug/L	99
19) 1,1-Dichloroethane	3.42	63	8273	0.352 ug/L	93
21) 2-Butanone	4.29	43	11133	3.193 ug/L	89
22) cis-1,2-Dichloroethene	4.20	96	4333	0.329 ug/L	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.53	128	1813	0.328	ug/L	97
25) Chloroform	4.65	83	16136	0.612	ug/L	99
27) 1,2-Dichloroethane	5.39	62	5790	0.376	ug/L	99
29) 1,1,1-Trichloroethane	4.90	97	6515	0.335	ug/L	99
30) Cyclohexane	4.97	56	6669	0.312	ug/L	98
31) Carbon tetrachloride	5.11	117	5305	0.315	ug/L	96
33) Benzene	5.37	78	17120	0.328	ug/L	100
34) Trichloroethene	6.17	95	4870	0.362	ug/L	96
35) Methylcyclohexane	6.40	83	6961	0.319	ug/L	96
37) 1,2-Dichloropropane	6.41	63	5523	0.392	ug/L	100
38) Bromodichloromethane	6.74	83	5444	0.330	ug/L	97
39) cis-1,3-Dichloropropene	7.26	75	5669	0.297	ug/L	99
40) 4-Methyl-2-pentanone	7.45	43	29034	3.278	ug/L	93
42) Toluene	7.62	91	18307	0.336	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	4596m	0.311	ug/L	
45) 1,1,2-Trichloroethane	8.05	97	3308	0.354	ug/L	94
47) Tetrachloroethene	8.21	164	3727	0.342	ug/L	79
48) 2-Hexanone	8.35	43	24474	4.030	ug/L #	93
49) Dibromochloromethane	8.46	129	3231	0.299	ug/L	97
50) 1,2-Dibromoethane	8.58	107	2858	0.320	ug/L #	98
51) Chlorobenzene	9.10	112	11902	0.337	ug/L	96
52) Ethylbenzene	9.23	91	19115	0.318	ug/L	93
53) m,p-Xylene	9.36	106	6768	0.305	ug/L	100
54) o-Xylene	9.76	106	6174	0.284	ug/L	94
55) Styrene	9.78	104	9858	0.280	ug/L	100
56) Isopropylbenzene	10.15	105	18038	0.312	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.44	83	4827	0.380	ug/L	100
59) 1,2,3-Trichloropropane	10.48	75	3124	0.343	ug/L	96
61) Bromoform	9.95	173	1693	0.333	ug/L #	91
62) 1,3-Dichlorobenzene	11.40	146	7827	0.342	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	8519	0.369	ug/L	92
65) 1,2-Dichlorobenzene	11.86	146	8617	0.391	ug/L	98
67) 1,3,5-Trichlorobenzene	12.87	180	4713	0.305	ug/L	95
68) 1,2,4-trichlorobenzene	13.49	180	2253m	0.195	ug/L	
69) Naphthalene	13.74	128	3971m	0.221	ug/L	
70) 1,2,3-Trichlorobenzene	13.98	180	2659	0.237	ug/L #	87

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

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