

Data File : VU035036.D
Acq On : 10 Oct 2019 09:54
Operator : JC/SP
Sample : MDL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Manual Integrations
APPROVED

MMDadoda
10/11/2019 8:32:21 AM

Quant Time: Oct 11 02:57:33 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	163939	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	170301	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	72721	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	56025	5.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.60%
7) Chloroethane-d5	1.67	69	50940	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.60%
11) 1,1-Dichloroethene-d2	2.26	63	82751	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	4.18	46	157411	55.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.32%
24) Chloroform-d	4.62	84	98422	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.29	65	57054	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.31	84	201316	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.31	67	67850	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.55	98	180708	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.84	79	22067	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.30	63	114256	50.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.00%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57436	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	63997	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	5582	0.373 ug/L	97
3) Chloromethane	1.32	50	6330	0.385 ug/L	98
5) Vinyl chloride	1.40	62	6463	0.400 ug/L	92
6) Bromomethane	1.62	94	3498	0.390 ug/L	94
8) Chloroethane	1.69	64	3572	0.369 ug/L	95
9) Trichlorofluoromethane	1.88	101	7787	0.399 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4718	0.421 ug/L	91
12) 1,1-Dichloroethene	2.27	96	4430	0.421 ug/L #	1
13) Acetone	2.33	43	10835	4.636 ug/L	93
14) Carbon disulfide	2.46	76	12197	0.348 ug/L #	91
15) Methyl Acetate	2.61	43	2327	0.374 ug/L #	88
16) Methylene chloride	2.68	84	6511	0.499 ug/L	79
17) Methyl tert-butyl Ether	2.99	73	11276	0.392 ug/L #	93
18) trans-1,2-Dichloroethene	2.96	96	4046	0.359 ug/L	90
19) 1,1-Dichloroethane	3.42	63	8664	0.387 ug/L	95
21) 2-Butanone	4.28	43	11400	3.425 ug/L	78
22) cis-1,2-Dichloroethene	4.20	96	4658	0.370 ug/L	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	1960	0.372	ug/L	92
25) Chloroform	4.65	83	15267	0.606	ug/L	92
27) 1,2-Dichloroethane	5.39	62	6016	0.409	ug/L #	89
29) 1,1,1-Trichloroethane	4.89	97	6558	0.343	ug/L	98
30) Cyclohexane	4.96	56	6687	0.318	ug/L	95
31) Carbon tetrachloride	5.11	117	5736	0.346	ug/L	98
33) Benzene	5.36	78	17937	0.350	ug/L	100
34) Trichloroethene	6.17	95	4640	0.351	ug/L	93
35) Methylcyclohexane	6.39	83	7784	0.363	ug/L	93
37) 1,2-Dichloropropane	6.42	63	5436	0.393	ug/L #	94
38) Bromodichloromethane	6.74	83	5463	0.337	ug/L	99
39) cis-1,3-Dichloropropene	7.26	75	6299	0.336	ug/L	95
40) 4-Methyl-2-pentanone	7.45	43	30243	3.473	ug/L	93
42) Toluene	7.62	91	19934	0.372	ug/L	94
44) trans-1,3-Dichloropropene	7.86	75	4626m	0.319	ug/L	
45) 1,1,2-Trichloroethane	8.05	97	3598	0.392	ug/L	95
47) Tetrachloroethene	8.21	164	3637	0.340	ug/L	91
48) 2-Hexanone	8.36	43	25696	4.303	ug/L #	92
49) Dibromochloromethane	8.46	129	3567	0.336	ug/L	95
50) 1,2-Dibromoethane	8.57	107	3155	0.359	ug/L #	89
51) Chlorobenzene	9.10	112	12455	0.359	ug/L	97
52) Ethylbenzene	9.23	91	19833	0.335	ug/L	99
53) m,p-Xylene	9.36	106	6653	0.305	ug/L	95
54) o-Xylene	9.76	106	6759	0.316	ug/L	92
55) Styrene	9.78	104	10156	0.294	ug/L	98
56) Isopropylbenzene	10.15	105	18160	0.319	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	4884	0.391	ug/L #	97
59) 1,2,3-Trichloropropane	10.48	75	3219	0.359	ug/L	94
61) Bromoform	9.94	173	1855	0.372	ug/L #	99
62) 1,3-Dichlorobenzene	11.40	146	8309	0.371	ug/L	95
63) 1,4-Dichlorobenzene	11.49	146	8956	0.396	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	8856	0.410	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.64	75	336m	0.245	ug/L	
67) 1,3,5-Trichlorobenzene	12.87	180	4848	0.320	ug/L	96
68) 1,2,4-trichlorobenzene	13.51	180	2457m	0.217	ug/L	
69) Naphthalene	13.75	128	3995m	0.227	ug/L	
70) 1,2,3-Trichlorobenzene	13.98	180	3298m	0.299	ug/L	

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

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