Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101918\
Data File : VR026150.D
Acq On : 19 Oct 2018 15:10
Operator : SY/MD
Sample : MDL
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : MDL

Manual Integrations APPROVED
MMDadoda
10/24/2018 12:17:13 PM

Quant Time: Oct 20 04:43:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 20 01:53:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	533485	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	446830	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	145111	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	185175	3.97	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.40%			
7) Chloroethane-d5	2.63	69	186922	4.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.20%			
11) 1,1-Dichloroethene-d2	3.60	63	348471	3.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.80%			
20) 2-Butanone-d5	6.59	46	221738	57.85	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.70%			
24) Chloroform-d	7.20	84	338102	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%			
26) 1,2-Dichloroethane-d4	7.89	65	148903	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
32) Benzene-d6	7.85	84	638645	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.00%			
36) 1,2-Dichloropropane-d6	8.90	67	183249	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.80%			
41) Toluene-d8	9.97	98	561953	4.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.80%			
43) trans-1,3-Dichloropropene-	10.24	79	37404	3.85	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.00%			
46) 2-Hexanone-d5	10.59	63	171836	61.20	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 122.40%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	79339	5.45	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.00%			
64) 1,2-Dichlorobenzene-d4	13.52	152	110232	4.81	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.84	85	8553	0.239	ug/L #	66
3) Chloromethane	2.01	50	19595	0.344	ug/L	89
5) Vinyl chloride	2.17	62	17619	0.311	ug/L	97
6) Bromomethane	2.53	94	13244	0.354	ug/L	88
8) Chloroethane	2.66	64	10989	0.313	ug/L	88
9) Trichlorofluoromethane	2.93	101	23938m	0.293	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	17022m	0.349	ug/L	
12) 1,1-Dichloroethene	3.63	96	17941	0.346	ug/L #	1
13) Acetone	3.70	43	13292	3.354	ug/L	82
14) Carbon disulfide	3.93	76	31013	0.229	ug/L #	92
15) Methyl Acetate	4.19	43	4438	0.429	ug/L #	66
16) Methylene chloride	4.40	84	17665m	0.376	ug/L	
17) Methyl tert-butyl Ether	4.88	73	13657	0.290	ug/L #	80
18) trans-1,2-Dichloroethene	4.89	96	10420	0.266	ug/L #	91
19) 1,1-Dichloroethane	5.70	63	20060	0.272	ug/L	92
21) 2-Butanone	6.69	43	13183m	2.884	ug/L	
22) cis-1,2-Dichloroethene	6.67	96	11068	0.298	ug/L #	73

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	7.05	128	3462	0.333 ug/L	#	84
25) Chloroform	7.23	83	23322	0.324 ug/L		88
27) 1,2-Dichloroethane	8.00	62	10818	0.307 ug/L	#	95
29) 1,1,1-Trichloroethane	7.43	97	16338	0.268 ug/L		94
30) Cyclohexane	7.51	56	11516	0.188 ug/L	#	94
31) Carbon tetrachloride	7.64	117	12861	0.232 ug/L		92
33) Benzene	7.91	78	46669m	0.278 ug/L		
34) Trichloroethene	8.71	95	11560	0.269 ug/L		90
35) Methylcyclohexane	8.95	83	13464	0.211 ug/L		93
37) 1,2-Dichloropropane	8.99	63	10646	0.301 ug/L	#	89
38) Bromodichloromethane	9.28	83	10569	0.278 ug/L	#	97
39) cis-1,3-Dichloropropene	9.72	75	10252	0.253 ug/L		91
40) 4-Methyl-2-pentanone	9.87	43	26031	2.410 ug/L	#	92
42) Toluene	10.03	91	46456	0.263 ug/L		99
44) trans-1,3-Dichloropropene	10.26	75	9674	0.342 ug/L		96
45) 1,1,2-Trichloroethane	10.45	97	4954	0.332 ug/L		94
47) Tetrachloroethene	10.51	164	7686	0.251 ug/L		91
48) 2-Hexanone	10.63	43	21446	3.040 ug/L	#	96
49) Dibromochloromethane	10.78	129	4521	0.269 ug/L		97
50) 1,2-Dibromoethane	10.89	107	4184	0.325 ug/L	#	76
51) Chlorobenzene	11.32	112	26308	0.269 ug/L		97
52) Ethylbenzene	11.39	91	43172	0.212 ug/L		91
53) m,p-Xylene	11.50	106	14141	0.191 ug/L		98
54) o-Xylene	11.83	106	12073	0.178 ug/L		75
55) Styrene	11.84	104	18753	0.179 ug/L		87
56) Isopropylbenzene	12.13	105	31096	0.165 ug/L		96
58) 1,1,2,2-Tetrachloroethane	12.38	83	4381	0.289 ug/L	#	87
59) 1,2,3-Trichloropropane	12.43	75	3133	0.281 ug/L	#	85
61) Bromoform	12.00	173	1570	0.311 ug/L	#	74
62) 1,3-Dichlorobenzene	13.16	146	11222	0.233 ug/L		93
63) 1,4-Dichlorobenzene	13.24	146	14204	0.285 ug/L		90
65) 1,2-Dichlorobenzene	13.53	146	11381	0.294 ug/L		90
66) 1,2-Dibromo-3-chloropropan	14.13	75	433m	0.275 ug/L		
67) 1,3,5-Trichlorobenzene	14.29	180	7534	0.256 ug/L	#	91
68) 1,2,4-trichlorobenzene	14.78	180	4189	0.244 ug/L		94
69) Naphthalene	15.01	128	2987	0.179 ug/L	#	71
70) 1,2,3-Trichlorobenzene	15.18	180	3320	0.279 ug/L	#	90

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

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