Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR022219\
Data File : VR026367.D
Acq On : 22 Feb 2019 17:21
Operator : SY/MD
Sample : VSTDICV005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VICV86

Manual Integrations APPROVED
MMDadoda
2/25/2019 12:52:39 PM

Quant Time: Feb 23 05:42:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Feb 23 05:38:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	634849	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	511304	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	199759	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	276594	4.45	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.00%			
7) Chloroethane-d5	2.62	69	213034	4.18	ug/L	0.01
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.60%			
11) 1,1-Dichloroethene-d2	3.60	63	635839	4.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.20%			
20) 2-Butanone-d5	6.58	46	221612	48.89	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.78%			
24) Chloroform-d	7.20	84	448063	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.60%			
26) 1,2-Dichloroethane-d4	7.90	65	172370	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.00%			
32) Benzene-d6	7.85	84	870632	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
36) 1,2-Dichloropropane-d6	8.89	67	213388	4.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.60%			
41) Toluene-d8	9.97	98	799736	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%			
43) trans-1,3-Dichloropropene-	10.23	79	56820	4.42	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.40%			
46) 2-Hexanone-d5	10.59	63	170761	52.64	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.28%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	77652	4.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.00%			
64) 1,2-Dichlorobenzene-d4	13.51	152	148821	4.31	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.20%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	246570	4.602	ug/L	99
3) Chloromethane	2.01	50	315517	4.666	ug/L	99
5) Vinyl chloride	2.15	62	312788	4.770	ug/L	98
6) Bromomethane	2.52	94	169332	4.483	ug/L	98
8) Chloroethane	2.65	64	181709	4.606	ug/L	99
9) Trichlorofluoromethane	2.93	101	399839	4.687	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	217165	4.368	ug/L	98
12) 1,1-Dichloroethene	3.62	96	263877	4.757	ug/L	93
13) Acetone	3.69	43	186511	45.738	ug/L	99
14) Carbon disulfide	3.93	76	834790	4.724	ug/L	99
15) Methyl Acetate	4.19	43	52558	4.554	ug/L	98
16) Methylene chloride	4.40	84	208483	4.301	ug/L	97
17) Methyl tert-butyl Ether	4.88	73	252304	4.862	ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	237768	4.699	ug/L	90
19) 1,1-Dichloroethane	5.69	63	443520	4.786	ug/L	95
21) 2-Butanone	6.69	43	250894	49.091	ug/L	99
22) cis-1,2-Dichloroethene	6.67	96	212266	4.997	ug/L #	87

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.05	128	59216	4.500	ug/L		83
25) Chloroform	7.23	83	414870	4.668	ug/L		95
27) 1,2-Dichloroethane	7.99	62	194373m	4.622	ug/L		
29) 1,1,1-Trichloroethane	7.43	97	361751	4.882	ug/L		99
30) Cyclohexane	7.51	56	371729	5.246	ug/L		99
31) Carbon tetrachloride	7.63	117	324838	4.716	ug/L		100
33) Benzene	7.90	78	950930	4.839	ug/L		100
34) Trichloroethene	8.71	95	237587	4.806	ug/L		96
35) Methylcyclohexane	8.95	83	345332	4.926	ug/L		100
37) 1,2-Dichloropropane	8.99	63	199244	4.775	ug/L	#	97
38) Bromodichloromethane	9.28	83	220452	4.608	ug/L		94
39) cis-1,3-Dichloropropene	9.72	75	222536	4.883	ug/L		98
40) 4-Methyl-2-pentanone	9.86	43	607665	53.261	ug/L		100
42) Toluene	10.03	91	976454	4.947	ug/L		97
44) trans-1,3-Dichloropropene	10.26	75	165129	4.969	ug/L		97
45) 1,1,2-Trichloroethane	10.45	97	77773	4.512	ug/L		97
47) Tetrachloroethene	10.51	164	169215	4.721	ug/L		95
48) 2-Hexanone	10.63	43	401370	50.913	ug/L		98
49) Dibromochloromethane	10.78	129	101912	4.756	ug/L		95
50) 1,2-Dibromoethane	10.88	107	67306	5.009	ug/L	#	94
51) Chlorobenzene	11.32	112	504750	4.678	ug/L		95
52) Ethylbenzene	11.39	91	1107571	4.993	ug/L		99
53) m,p-Xylene	11.50	106	392417	4.963	ug/L		100
54) o-Xylene	11.83	106	357094	5.174	ug/L		99
55) Styrene	11.84	104	556995	5.106	ug/L		99
56) Isopropylbenzene	12.13	105	1023079	5.220	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.39	83	72934	4.644	ug/L	#	94
59) 1,2,3-Trichloropropane	12.43	75	56008	4.871	ug/L		98
61) Bromoform	12.01	173	41290	4.457	ug/L		98
62) 1,3-Dichlorobenzene	13.16	146	287632	4.740	ug/L		96
63) 1,4-Dichlorobenzene	13.24	146	300287	4.457	ug/L		99
65) 1,2-Dichlorobenzene	13.53	146	233917	4.660	ug/L		97
66) 1,2-Dibromo-3-chloropropan	14.14	75	7528	4.029	ug/L		94
67) 1,3,5-Trichlorobenzene	14.29	180	183105	4.871	ug/L		96
68) 1,2,4-trichlorobenzene	14.78	180	103312	4.787	ug/L		99
69) Naphthalene	15.00	128	102473	5.144	ug/L		98
70) 1,2,3-Trichlorobenzene	15.18	180	78537	5.167	ug/L		99

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

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