Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101918\
Data File : VR026153.D
Acq On : 19 Oct 2018 18:31
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00597

Manual Integrations APPROVED
MMDadoda
10/24/2018 12:17:07 PM

Quant Time: Oct 20 02:32:28 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	577709	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	512487	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	201726	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	185469	3.67	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.40%			
7) Chloroethane-d5	2.63	69	179949	4.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.80%			
11) 1,1-Dichloroethene-d2	3.61	63	494885	3.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.80%			
20) 2-Butanone-d5	6.59	46	234185	56.42	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.84%			
24) Chloroform-d	7.20	84	369825	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
26) 1,2-Dichloroethane-d4	7.90	65	157049	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
32) Benzene-d6	7.85	84	665889	4.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.80%			
36) 1,2-Dichloropropane-d6	8.90	67	192287	4.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.40%			
41) Toluene-d8	9.97	98	589979	3.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.80%			
43) trans-1,3-Dichloropropene-	10.23	79	46299	4.15	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.00%			
46) 2-Hexanone-d5	10.59	63	200035	62.12	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 124.24%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	90382	5.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.40%			
64) 1,2-Dichlorobenzene-d4	13.52	152	142000	4.45	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.84	85	179408	4.623	ug/L	94
3) Chloromethane	2.01	50	294279	4.776	ug/L	97
5) Vinyl chloride	2.17	62	302400	4.926	ug/L	96
6) Bromomethane	2.52	94	192496	4.748	ug/L	99
8) Chloroethane	2.66	64	191795	5.042	ug/L	99
9) Trichlorofluoromethane	2.93	101	459465m	5.185	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	260211	4.925	ug/L	100
12) 1,1-Dichloroethene	3.63	96	276024	4.913	ug/L	88
13) Acetone	3.70	43	201228	46.895	ug/L	99
14) Carbon disulfide	3.93	76	720321	4.904	ug/L	98
15) Methyl Acetate	4.19	43	57072	5.091	ug/L	100
16) Methylene chloride	4.40	84	245911	4.827	ug/L	95
17) Methyl tert-butyl Ether	4.89	73	256541	5.030	ug/L	97
18) trans-1,2-Dichloroethene	4.88	96	208510	4.908	ug/L	94
19) 1,1-Dichloroethane	5.69	63	385454	4.832	ug/L	98
21) 2-Butanone	6.69	43	254689	51.449	ug/L	95
22) cis-1,2-Dichloroethene	6.67	96	200270	4.983	ug/L #	91

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	7.05	128	55959	4.964 ug/L		92
25) Chloroform	7.23	83	390935	5.022 ug/L		98
27) 1,2-Dichloroethane	7.99	62	186154	4.885 ug/L	#	95
29) 1,1,1-Trichloroethane	7.43	97	329058	4.699 ug/L		99
30) Cyclohexane	7.51	56	352503	5.015 ug/L		99
31) Carbon tetrachloride	7.63	117	293625	4.611 ug/L		96
33) Benzene	7.90	78	927075	4.821 ug/L		100
34) Trichloroethene	8.71	95	233614	4.746 ug/L		96
35) Methylcyclohexane	8.96	83	354347	4.836 ug/L		99
37) 1,2-Dichloropropane	8.99	63	192837	4.753 ug/L		99
38) Bromodichloromethane	9.28	83	214834	4.924 ug/L	#	98
39) cis-1,3-Dichloropropene	9.72	75	224467	4.834 ug/L		100
40) 4-Methyl-2-pentanone	9.86	43	652045	52.626 ug/L		99
42) Toluene	10.03	91	980643	4.832 ug/L		100
44) trans-1,3-Dichloropropene	10.26	75	155896	4.805 ug/L		94
45) 1,1,2-Trichloroethane	10.45	97	84719	4.951 ug/L		98
47) Tetrachloroethene	10.51	164	162481	4.623 ug/L		96
48) 2-Hexanone	10.63	43	434341	53.673 ug/L		98
49) Dibromochloromethane	10.79	129	98471	5.113 ug/L		100
50) 1,2-Dibromoethane	10.89	107	72503	4.904 ug/L		98
51) Chlorobenzene	11.32	112	542757	4.831 ug/L		98
52) Ethylbenzene	11.39	91	1163401	4.985 ug/L		99
53) m,p-Xylene	11.50	106	418929	4.927 ug/L		96
54) o-Xylene	11.83	106	396500	5.086 ug/L		99
55) Styrene	11.84	104	629630	5.247 ug/L		99
56) Isopropylbenzene	12.13	105	1129640	5.217 ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.39	83	87590	5.036 ug/L		97
59) 1,2,3-Trichloropropane	12.43	75	65814	5.154 ug/L		100
61) Bromoform	12.01	173	34784	4.961 ug/L		96
62) 1,3-Dichlorobenzene	13.16	146	319183	4.763 ug/L		97
63) 1,4-Dichlorobenzene	13.24	146	334840	4.825 ug/L		97
65) 1,2-Dichlorobenzene	13.53	146	256795	4.774 ug/L		96
66) 1,2-Dibromo-3-chloropropan	14.14	75	8926	4.073 ug/L		93
67) 1,3,5-Trichlorobenzene	14.29	180	194383	4.760 ug/L		97
68) 1,2,4-trichlorobenzene	14.79	180	117223	4.918 ug/L		96
69) Naphthalene	15.00	128	117840	5.092 ug/L		99
70) 1,2,3-Trichlorobenzene	15.18	180	86161	5.205 ug/L		98

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

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