Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101518\
Data File : VR026092.D
Acq On : 16 Oct 2018 2:16
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00589

Manual Integrations APPROVED
MMDadoda
10/16/2018 3:12:57 PM

Quant Time: Oct 16 09:14:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 16 08:21:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	521366	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	458838	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	172230	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.16	65	234737	5.14	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.80%			
7) Chloroethane-d5	2.63	69	214717	5.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 109.40%			
11) 1,1-Dichloroethene-d2	3.61	63	581849	5.19	ug/L	-0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 103.80%			
20) 2-Butanone-d5	6.59	46	220984	58.99	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.98%			
24) Chloroform-d	7.20	84	375299	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.40%			
26) 1,2-Dichloroethane-d4	7.90	65	162483	5.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.80%			
32) Benzene-d6	7.86	84	721927	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
36) 1,2-Dichloropropane-d6	8.90	67	198268	5.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.20%			
41) Toluene-d8	9.97	98	685912	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%			
43) trans-1,3-Dichloropropene-	10.24	79	47157	4.73	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.60%			
46) 2-Hexanone-d5	10.59	63	178532	61.92	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 123.84%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	84982	5.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 113.80%			
64) 1,2-Dichlorobenzene-d4	13.51	152	133914	4.92	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	159294	4.549	ug/L	96
3) Chloromethane	2.02	50	307544	5.530	ug/L	98
5) Vinyl chloride	2.17	62	300765	5.429	ug/L	100
6) Bromomethane	2.52	94	205189	5.608	ug/L	97
8) Chloroethane	2.66	64	189685	5.525	ug/L	100
9) Trichlorofluoromethane	2.94	101	430199m	5.379	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	239864	5.030	ug/L	98
12) 1,1-Dichloroethene	3.63	96	277781	5.479	ug/L	94
13) Acetone	3.70	43	194504	50.226	ug/L	100
14) Carbon disulfide	3.94	76	724989	5.470	ug/L	100
15) Methyl Acetate	4.20	43	55351	5.471	ug/L	97
16) Methylene chloride	4.41	84	247581	5.385	ug/L	90
17) Methyl tert-butyl Ether	4.90	73	243928	5.300	ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	196986	5.138	ug/L	95
19) 1,1-Dichloroethane	5.69	63	371001	5.154	ug/L	98
21) 2-Butanone	6.69	43	257243	57.581	ug/L	97
22) cis-1,2-Dichloroethene	6.68	96	195872	5.401	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.06	128	56500	5.553	ug/L		91
25) Chloroform	7.23	83	376435	5.358	ug/L		95
27) 1,2-Dichloroethane	7.99	62	186985	5.437	ug/L		98
29) 1,1,1-Trichloroethane	7.43	97	317990	5.072	ug/L		98
30) Cyclohexane	7.52	56	300488	4.775	ug/L		99
31) Carbon tetrachloride	7.64	117	267225	4.687	ug/L		98
33) Benzene	7.91	78	882872	5.128	ug/L		100
34) Trichloroethene	8.71	95	232148	5.268	ug/L		95
35) Methylcyclohexane	8.95	83	298632	4.552	ug/L		97
37) 1,2-Dichloropropane	9.00	63	189860	5.227	ug/L		98
38) Bromodichloromethane	9.28	83	214004	5.478	ug/L		99
39) cis-1,3-Dichloropropene	9.72	75	214956	5.170	ug/L		98
40) 4-Methyl-2-pentanone	9.87	43	659357	59.438	ug/L		98
42) Toluene	10.04	91	943018	5.190	ug/L		99
44) trans-1,3-Dichloropropene	10.26	75	152274	5.242	ug/L		90
45) 1,1,2-Trichloroethane	10.45	97	85542	5.583	ug/L		95
47) Tetrachloroethene	10.51	164	140222	4.456	ug/L		94
48) 2-Hexanone	10.63	43	441135	60.886	ug/L		99
49) Dibromochloromethane	10.79	129	91640	5.315	ug/L		97
50) 1,2-Dibromoethane	10.89	107	71663	5.414	ug/L	#	83
51) Chlorobenzene	11.32	112	506185	5.032	ug/L		96
52) Ethylbenzene	11.39	91	1084875	5.192	ug/L		99
53) m,p-Xylene	11.50	106	384326	5.048	ug/L		96
54) o-Xylene	11.83	106	369136	5.289	ug/L		99
55) Styrene	11.84	104	583838	5.435	ug/L		100
56) Isopropylbenzene	12.13	105	987202	5.092	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.39	83	84470	5.424	ug/L		97
59) 1,2,3-Trichloropropane	12.43	75	62049	5.427	ug/L		96
61) Bromoform	12.01	173	31382	5.242	ug/L		98
62) 1,3-Dichlorobenzene	13.16	146	287647	5.027	ug/L		97
63) 1,4-Dichlorobenzene	13.24	146	298220	5.033	ug/L		95
65) 1,2-Dichlorobenzene	13.53	146	239024	5.205	ug/L		97
66) 1,2-Dibromo-3-chloropropan	14.15	75	8367	4.472	ug/L		90
67) 1,3,5-Trichlorobenzene	14.29	180	169515	4.862	ug/L		97
68) 1,2,4-trichlorobenzene	14.78	180	101501	4.988	ug/L		99
69) Naphthalene	15.00	128	109662	5.550	ug/L		100
70) 1,2,3-Trichlorobenzene	15.18	180	73815	5.223	ug/L		99

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

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