Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR022719\
Data File : VR026412.D
Acq On : 27 Feb 2019 19:29
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00592

Quant Time: Feb 28 07:35:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 28 07:30:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	503456	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	423441	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	172391	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	218146	4.43	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.60%			
7) Chloroethane-d5	2.62	69	184343	4.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.20%			
11) 1,1-Dichloroethene-d2	3.61	63	590126	5.11	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.20%			
20) 2-Butanone-d5	6.58	46	147561	41.05	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.10%			
24) Chloroform-d	7.20	84	361775	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.20%			
26) 1,2-Dichloroethane-d4	7.89	65	141713	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.00%			
32) Benzene-d6	7.85	84	678661	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.40%			
36) 1,2-Dichloropropane-d6	8.89	67	168610	4.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.60%			
41) Toluene-d8	9.97	98	662630	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%			
43) trans-1,3-Dichloropropene-	10.23	79	39979	3.75	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.00%			
46) 2-Hexanone-d5	10.59	63	130393	48.54	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.08%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	65535	4.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.60%			
64) 1,2-Dichlorobenzene-d4	13.51	152	120369	4.04	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 80.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	228401	5.376	ug/L	99
3) Chloromethane	2.01	50	294514	5.492	ug/L	98
5) Vinyl chloride	2.15	62	285097	5.483	ug/L	96
6) Bromomethane	2.52	94	159386	5.321	ug/L	100
8) Chloroethane	2.65	64	164088	5.245	ug/L	89
9) Trichlorofluoromethane	2.94	101	411845	6.087	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	227807	5.778	ug/L	96
12) 1,1-Dichloroethene	3.63	96	241404	5.488	ug/L	85
13) Acetone	3.70	43	181048	55.986	ug/L	99
14) Carbon disulfide	3.92	76	726984	5.188	ug/L	97
15) Methyl Acetate	4.19	43	46121	5.039	ug/L	93
16) Methylene chloride	4.40	84	194180	5.052	ug/L	90
17) Methyl tert-butyl Ether	4.89	73	214004	5.200	ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	206663	5.151	ug/L	94
19) 1,1-Dichloroethane	5.69	63	373554	5.083	ug/L	98
21) 2-Butanone	6.69	43	215126	53.078	ug/L	98
22) cis-1,2-Dichloroethene	6.67	96	181159	5.378	ug/L #	89

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.05	128	52352	5.017	ug/L		89
25) Chloroform	7.23	83	361838	5.134	ug/L		100
27) 1,2-Dichloroethane	7.99	62	174794	5.241	ug/L		99
29) 1,1,1-Trichloroethane	7.43	97	329308	5.366	ug/L		97
30) Cyclohexane	7.51	56	338129	5.762	ug/L		95
31) Carbon tetrachloride	7.63	117	317608	5.568	ug/L		99
33) Benzene	7.90	78	825872	5.075	ug/L		100
34) Trichloroethene	8.71	95	213481	5.215	ug/L		96
35) Methylcyclohexane	8.95	83	332580	5.728	ug/L		99
37) 1,2-Dichloropropane	8.99	63	178117	5.154	ug/L		98
38) Bromodichloromethane	9.28	83	199470	5.034	ug/L	#	92
39) cis-1,3-Dichloropropene	9.72	75	193620	5.130	ug/L		98
40) 4-Methyl-2-pentanone	9.86	43	570074	60.334	ug/L		99
42) Toluene	10.03	91	881857	5.395	ug/L		98
44) trans-1,3-Dichloropropene	10.26	75	142849	5.191	ug/L		99
45) 1,1,2-Trichloroethane	10.44	97	72629	5.087	ug/L		93
47) Tetrachloroethene	10.51	164	151475	5.103	ug/L		94
48) 2-Hexanone	10.63	43	387330	59.327	ug/L		98
49) Dibromochloromethane	10.78	129	90588	5.104	ug/L		95
50) 1,2-Dibromoethane	10.88	107	57803	5.194	ug/L		94
51) Chlorobenzene	11.31	112	466303	5.218	ug/L		97
52) Ethylbenzene	11.39	91	1040203	5.663	ug/L		98
53) m,p-Xylene	11.50	106	361895	5.527	ug/L		99
54) o-Xylene	11.83	106	336925	5.895	ug/L		96
55) Styrene	11.84	104	522375	5.782	ug/L		98
56) Isopropylbenzene	12.13	105	999737	6.159	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.39	83	67322	5.176	ug/L		98
59) 1,2,3-Trichloropropane	12.43	75	50651	5.319	ug/L		90
61) Bromoform	12.01	173	36150	4.522	ug/L		97
62) 1,3-Dichlorobenzene	13.16	146	273693	5.226	ug/L		98
63) 1,4-Dichlorobenzene	13.24	146	298950	5.142	ug/L		99
65) 1,2-Dichlorobenzene	13.53	146	233080	5.380	ug/L		98
66) 1,2-Dibromo-3-chloropropan	14.14	75	6801	4.218	ug/L	#	83
67) 1,3,5-Trichlorobenzene	14.29	180	172646	5.322	ug/L		99
68) 1,2,4-trichlorobenzene	14.79	180	98989	5.315	ug/L		98
69) Naphthalene	15.00	128	91797	5.339	ug/L		99
70) 1,2,3-Trichlorobenzene	15.18	180	76228	5.811	ug/L		98

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

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