Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR091719\
Data File : VR026647.D
Acq On : 17 Sep 2019 19:50
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00572

Quant Time: Sep 18 07:15:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 07:10:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	322810	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	252098	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	125542	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.19	65	44339	5.00	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.00%			
7) Chloroethane-d5	2.63	69	43530	5.55	ug/L	-0.01
Spiked Amount 5.000	Range 65 - 130		Recovery = 111.00%			
11) 1,1-Dichloroethene-d2	3.64	63	126271	5.15	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 103.00%			
20) 2-Butanone-d5	6.62	46	87092	45.27	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.54%			
24) Chloroform-d	7.23	84	172998	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
26) 1,2-Dichloroethane-d4	7.91	65	55362	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%			
32) Benzene-d6	7.88	84	313242	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.60%			
36) 1,2-Dichloropropane-d6	8.92	67	82116	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.60%			
41) Toluene-d8	9.99	98	238179	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.00%			
43) trans-1,3-Dichloropropene-	10.24	79	16500	4.34	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.80%			
46) 2-Hexanone-d5	10.61	63	55817	48.86	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.72%			
57) 1,1,2,2-Tetrachloroethane-	12.37	84	43122	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.40%			
64) 1,2-Dichlorobenzene-d4	13.53	152	62832	3.94	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 78.80%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.86	85	167409	4.588	ug/L	97
3) Chloromethane	2.06	50	77945	4.092	ug/L	99
5) Vinyl chloride	2.20	62	81299	4.259	ug/L	96
6) Bromomethane	2.54	94	53152	4.431	ug/L	94
8) Chloroethane	2.67	64	50144	4.554	ug/L	93
9) Trichlorofluoromethane	2.99	101	160866	4.871	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	66610	4.602	ug/L	97
12) 1,1-Dichloroethene	3.67	96	61109	4.291	ug/L	89
13) Acetone	3.73	43	65742	45.443	ug/L	97
14) Carbon disulfide	3.99	76	207154	3.398	ug/L	98
15) Methyl Acetate	4.23	43	26263	4.323	ug/L	92
16) Methylene chloride	4.43	84	130701	4.411	ug/L	97
17) Methyl tert-butyl Ether	4.93	73	131727	4.280	ug/L	96
18) trans-1,2-Dichloroethene	4.91	96	131045	4.404	ug/L	87
19) 1,1-Dichloroethane	5.73	63	234078	4.195	ug/L	96
21) 2-Butanone	6.72	43	116222	43.979	ug/L	98
22) cis-1,2-Dichloroethene	6.70	96	125488	4.400	ug/L #	98

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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	7.08	128	37759	4.761	ug/L		94
25) Chloroform	7.25	83	228393	4.271	ug/L		99
27) 1,2-Dichloroethane	8.01	62	88728	4.717	ug/L	#	94
29) 1,1,1-Trichloroethane	7.45	97	177857	4.386	ug/L		97
30) Cyclohexane	7.54	56	191430	4.427	ug/L		98
31) Carbon tetrachloride	7.66	117	161552	4.704	ug/L		98
33) Benzene	7.93	78	515613	4.613	ug/L		100
34) Trichloroethene	8.73	95	125810	4.518	ug/L		95
35) Methylcyclohexane	8.97	83	195729	4.668	ug/L		99
37) 1,2-Dichloropropane	9.02	63	100726	4.462	ug/L		98
38) Bromodichloromethane	9.30	83	114004	4.743	ug/L		96
39) cis-1,3-Dichloropropene	9.74	75	102873	4.299	ug/L		99
40) 4-Methyl-2-pentanone	9.89	43	267442	47.302	ug/L		99
42) Toluene	10.05	91	476483	4.880	ug/L		100
44) trans-1,3-Dichloropropene	10.28	75	66781	4.342	ug/L		100
45) 1,1,2-Trichloroethane	10.46	97	44373	4.613	ug/L		92
47) Tetrachloroethene	10.53	164	74626	4.539	ug/L		98
48) 2-Hexanone	10.65	43	166175	46.241	ug/L		98
49) Dibromochloromethane	10.80	129	50150	4.782	ug/L		89
50) 1,2-Dibromoethane	10.91	107	35359	4.237	ug/L		96
51) Chlorobenzene	11.33	112	258242	4.552	ug/L		97
52) Ethylbenzene	11.41	91	531512	4.800	ug/L		100
53) m,p-Xylene	11.52	106	194223	4.904	ug/L		94
54) o-Xylene	11.84	106	189022	4.836	ug/L		98
55) Styrene	11.86	104	279146	4.981	ug/L		96
56) Isopropylbenzene	12.15	105	552285	5.001	ug/L		100
58) 1,1,2,2-Tetrachloroethane	12.40	83	52268	4.690	ug/L		99
59) 1,2,3-Trichloropropane	12.45	75	35868	4.388	ug/L		97
61) Bromoform	12.03	173	20047	4.086	ug/L		91
62) 1,3-Dichlorobenzene	13.18	146	190685	4.272	ug/L		96
63) 1,4-Dichlorobenzene	13.26	146	188094	4.240	ug/L		96
65) 1,2-Dichlorobenzene	13.55	146	161289	4.264	ug/L		99
66) 1,2-Dibromo-3-chloropropan	14.16	75	7169	3.800	ug/L		92
67) 1,3,5-Trichlorobenzene	14.31	180	162299	4.488	ug/L		98
68) 1,2,4-trichlorobenzene	14.80	180	111758	4.381	ug/L		99
69) Naphthalene	15.02	128	137343	4.049	ug/L		98
70) 1,2,3-Trichlorobenzene	15.20	180	108584	4.806	ug/L		97

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

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