Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100320\
Data File : VU040499.D
Acq On : 03 Oct 2020 22:52
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00511

Quant Time: Oct 05 01:06:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 05 00:56:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	127805	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127696	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	65884	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	31020	4.90	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.00%			
7) Chloroethane-d5	1.92	69	26125	4.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.40%			
11) 1,1-Dichloroethene-d2	2.58	63	77652	5.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.00%			
20) 2-Butanone-d5	4.66	46	134672	42.85	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 85.70%			
24) Chloroform-d	5.08	84	69829	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.80%			
26) 1,2-Dichloroethane-d4	5.72	65	42778	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.20%			
32) Benzene-d6	5.75	84	130744	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.80%			
36) 1,2-Dichloropropane-d6	6.70	67	44039	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.80%			
41) Toluene-d8	7.91	98	121630	5.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.00%			
43) trans-1,3-Dichloropropene-	8.19	79	18614	4.86	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.20%			
46) 2-Hexanone-d5	8.64	63	95805	42.50	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.00%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	40503	4.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	45667	4.57	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	59687	4.657	ug/L	100
3) Chloromethane	1.53	50	55296	4.399	ug/L	100
5) Vinyl chloride	1.61	62	59246	4.796	ug/L	96
6) Bromomethane	1.87	94	25418	4.231	ug/L	99
8) Chloroethane	1.94	64	37268	5.090	ug/L	95
9) Trichlorofluoromethane	2.15	101	84053	4.932	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	52810	4.853	ug/L	99
12) 1,1-Dichloroethene	2.59	96	47282	4.858	ug/L	92
13) Acetone	2.66	43	125603	47.958	ug/L	95
14) Carbon disulfide	2.81	76	141952	4.614	ug/L	100
15) Methyl Acetate	2.97	43	29369	4.656	ug/L	98
16) Methylene chloride	3.06	84	57832	4.730	ug/L	94
17) Methyl tert-butyl Ether	3.38	73	132954	4.958	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	49555	4.924	ug/L	98
19) 1,1-Dichloroethane	3.89	63	103445	5.008	ug/L	98
21) 2-Butanone	4.74	43	207765	49.423	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	54271	4.874	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	5.00	128	26055	5.111	ug/L		98
25) Chloroform	5.11	83	107826	5.118	ug/L		98
27) 1,2-Dichloroethane	5.81	62	75122	5.149	ug/L		99
29) 1,1,1-Trichloroethane	5.34	97	88136	5.053	ug/L		99
30) Cyclohexane	5.41	56	87310	4.838	ug/L		98
31) Carbon tetrachloride	5.54	117	74339	4.970	ug/L		100
33) Benzene	5.79	78	216794	5.064	ug/L		100
34) Trichloroethene	6.56	95	55317	4.867	ug/L		95
35) Methylcyclohexane	6.77	83	79816	4.788	ug/L		99
37) 1,2-Dichloropropane	6.80	63	61283	5.140	ug/L		100
38) Bromodichloromethane	7.12	83	75666	5.140	ug/L		98
39) cis-1,3-Dichloropropene	7.62	75	80483	5.033	ug/L		97
40) 4-Methyl-2-pentanone	7.80	43	480043	51.414	ug/L		100
42) Toluene	7.98	91	225861	5.145	ug/L		98
44) trans-1,3-Dichloropropene	8.22	75	73323	4.974	ug/L		98
45) 1,1,2-Trichloroethane	8.41	97	45089	5.395	ug/L		93
47) Tetrachloroethene	8.56	164	40822	5.058	ug/L		97
48) 2-Hexanone	8.69	43	358001	52.034	ug/L		99
49) Dibromochloromethane	8.82	129	49778	5.120	ug/L		97
50) 1,2-Dibromoethane	8.93	107	41788	5.212	ug/L		96
51) Chlorobenzene	9.45	112	142705	5.028	ug/L		99
52) Ethylbenzene	9.57	91	237024	4.975	ug/L		99
53) m,p-Xylene	9.70	106	88564	4.990	ug/L		100
54) o-Xylene	10.10	106	85129	5.099	ug/L		99
55) Styrene	10.11	104	151312	5.196	ug/L		99
56) Isopropylbenzene	10.48	105	228049	5.062	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.78	83	56240	4.965	ug/L		100
59) 1,2,3-Trichloropropane	10.82	75	42390	4.905	ug/L		100
61) Bromoform	10.29	173	27541	5.058	ug/L		97
62) 1,3-Dichlorobenzene	11.74	146	110167	5.051	ug/L		99
63) 1,4-Dichlorobenzene	11.83	146	113178	4.988	ug/L		100
65) 1,2-Dichlorobenzene	12.21	146	104224	4.915	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.99	75	9540	4.991	ug/L	#	88
67) 1,3,5-Trichlorobenzene	13.21	180	73891	4.745	ug/L		97
68) 1,2,4-trichlorobenzene	13.83	180	59868	4.785	ug/L		100
69) Naphthalene	14.08	128	98904	4.625	ug/L		98
70) 1,2,3-Trichlorobenzene	14.32	180	56966	4.976	ug/L		98

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

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