Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042020\
Data File : VU037816.D
Acq On : 20 Apr 2020 16:17
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00516

Quant Time: Apr 21 01:13:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 21 01:10:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	347880	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	336173	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	169788	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	102026	3.88	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.60%			
7) Chloroethane-d5	1.93	69	87492	3.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.80%			
11) 1,1-Dichloroethene-d2	2.59	63	193895	4.15	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.00%			
20) 2-Butanone-d5	4.66	46	321377	44.45	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.90%			
24) Chloroform-d	5.10	84	178857	4.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.20%			
26) 1,2-Dichloroethane-d4	5.74	65	105648	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.40%			
32) Benzene-d6	5.76	84	378562	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.20%			
36) 1,2-Dichloropropane-d6	6.72	67	128512	4.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.00%			
41) Toluene-d8	7.92	98	349802	4.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.80%			
43) trans-1,3-Dichloropropene-	8.20	79	54045	4.07	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.40%			
46) 2-Hexanone-d5	8.65	63	286546	42.16	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.32%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	101536	4.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.00%			
64) 1,2-Dichlorobenzene-d4	12.21	152	127866	4.22	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 84.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	143153	4.743	ug/L	99
3) Chloromethane	1.54	50	147584	3.955	ug/L	99
5) Vinyl chloride	1.62	62	167686	4.575	ug/L	97
6) Bromomethane	1.87	94	64385	3.059	ug/L	99
8) Chloroethane	1.95	64	94993	4.413	ug/L	99
9) Trichlorofluoromethane	2.16	101	182392	4.637	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	106442	4.648	ug/L	98
12) 1,1-Dichloroethene	2.60	96	104273	4.343	ug/L	93
13) Acetone	2.65	43	209395	43.929	ug/L	97
14) Carbon disulfide	2.82	76	368128	4.200	ug/L	99
15) Methyl Acetate	2.98	43	58799	4.437	ug/L	100
16) Methylene chloride	3.08	84	122275	4.518	ug/L	92
17) Methyl tert-butyl Ether	3.40	73	310143	4.462	ug/L	98
18) trans-1,2-Dichloroethene	3.38	96	116414	4.473	ug/L	97
19) 1,1-Dichloroethane	3.91	63	238814	4.744	ug/L	100
21) 2-Butanone	4.75	43	389150	44.934	ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	127412	4.531	ug/L	94

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 21 01:10:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.01	128	52386	4.395 ug/L	96
25) Chloroform	5.13	83	229568	4.801 ug/L	100
27) 1,2-Dichloroethane	5.83	62	154988	4.795 ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	190493	4.670 ug/L	98
30) Cyclohexane	5.42	56	235277	4.660 ug/L	98
31) Carbon tetrachloride	5.56	117	153787	4.731 ug/L	100
33) Benzene	5.81	78	510229	4.594 ug/L	100
34) Trichloroethene	6.57	95	127257	4.662 ug/L	95
35) Methylcyclohexane	6.79	83	225563	4.715 ug/L	99
37) 1,2-Dichloropropane	6.82	63	138824	4.713 ug/L	100
38) Bromodichloromethane	7.13	83	164811	4.705 ug/L	97
39) cis-1,3-Dichloropropene	7.63	75	208628	4.524 ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	975600	45.048 ug/L	98
42) Toluene	7.99	91	541649	4.655 ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	180335	4.505 ug/L	97
45) 1,1,2-Trichloroethane	8.42	97	91764	4.623 ug/L	100
47) Tetrachloroethene	8.57	164	91958	4.688 ug/L	98
48) 2-Hexanone	8.71	43	696551	44.922 ug/L	99
49) Dibromochloromethane	8.83	129	102936	4.537 ug/L	99
50) 1,2-Dibromoethane	8.95	107	86478	4.530 ug/L	96
51) Chlorobenzene	9.47	112	330565	4.657 ug/L	99
52) Ethylbenzene	9.59	91	611109	4.721 ug/L	99
53) m,p-Xylene	9.71	106	229324	4.681 ug/L	100
54) o-Xylene	10.12	106	224258	4.651 ug/L	97
55) Styrene	10.13	104	380461	4.616 ug/L	99
56) Isopropylbenzene	10.50	105	602722	4.766 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	115539	4.471 ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	87261	4.526 ug/L	100
61) Bromoform	10.31	173	57934	4.294 ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	265312	4.665 ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	267064	4.683 ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	246443	4.604 ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	20273	4.085 ug/L	92
67) 1,3,5-Trichlorobenzene	13.24	180	198816	4.767 ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	174177	4.550 ug/L	100
69) Naphthalene	14.12	128	324746	4.189 ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	155532	4.560 ug/L	98

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

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