Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120720\
Data File : VU041492.D
Acq On : 07 Dec 2020 14:52
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00530

Quant Time: Dec 08 04:34:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 08 04:32:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	46141	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	51398	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27151	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	10131	4.28	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.60%			
7) Chloroethane-d5	1.92	69	10421	5.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.20%			
11) 1,1-Dichloroethene-d2	2.58	63	29154	5.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.60%			
20) 2-Butanone-d5	4.66	46	47385	53.32	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.64%			
24) Chloroform-d	5.08	84	35027	5.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.00%			
26) 1,2-Dichloroethane-d4	5.72	65	24248	5.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.40%			
32) Benzene-d6	5.74	84	50587	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.40%			
36) 1,2-Dichloropropane-d6	6.70	67	14033	4.19	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.80%			
41) Toluene-d8	7.90	98	47915	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.40%			
43) trans-1,3-Dichloropropene-	8.18	79	9307	4.69	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.80%			
46) 2-Hexanone-d5	8.64	63	35834	43.41	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.82%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	16793	4.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	23493	5.06	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	20845	5.103	ug/L	98
3) Chloromethane	1.53	50	12682	4.803	ug/L	100
5) Vinyl chloride	1.61	62	15525	4.932	ug/L	97
6) Bromomethane	1.87	94	11951	5.491	ug/L	96
8) Chloroethane	1.94	64	9939	4.853	ug/L	96
9) Trichlorofluoromethane	2.15	101	40041	5.709	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	16462	5.237	ug/L	98
12) 1,1-Dichloroethene	2.59	96	14034	5.196	ug/L	88
13) Acetone	2.67	43	36050	52.105	ug/L	97
14) Carbon disulfide	2.81	76	40222	4.831	ug/L	97
15) Methyl Acetate	2.98	43	6214	4.908	ug/L	96
16) Methylene chloride	3.06	84	14901	4.133	ug/L	94
17) Methyl tert-butyl Ether	3.38	73	42314	5.163	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	14056	5.152	ug/L	95
19) 1,1-Dichloroethane	3.89	63	26526	5.263	ug/L	97
21) 2-Butanone	4.74	43	45733	52.827	ug/L	97
22) cis-1,2-Dichloroethene	4.68	96	16164	5.343	ug/L	94

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 08 04:32:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.99	128	8774	5.549	ug/L		96
25) Chloroform	5.11	83	34836	5.425	ug/L		99
27) 1,2-Dichloroethane	5.81	62	29129	5.804	ug/L		97
29) 1,1,1-Trichloroethane	5.33	97	36145	4.907	ug/L		98
30) Cyclohexane	5.40	56	20217	4.365	ug/L		92
31) Carbon tetrachloride	5.54	117	33465	4.906	ug/L		100
33) Benzene	5.79	78	58227	4.577	ug/L		100
34) Trichloroethene	6.55	95	17502	4.558	ug/L		98
35) Methylcyclohexane	6.77	83	23727	4.530	ug/L		98
37) 1,2-Dichloropropane	6.80	63	13512	4.532	ug/L		98
38) Bromodichloromethane	7.11	83	25023	4.594	ug/L	#	99
39) cis-1,3-Dichloropropene	7.61	75	24250	4.503	ug/L		96
40) 4-Methyl-2-pentanone	7.80	43	104214	43.630	ug/L		98
42) Toluene	7.98	91	64912	4.533	ug/L		99
44) trans-1,3-Dichloropropene	8.21	75	26073	4.847	ug/L		100
45) 1,1,2-Trichloroethane	8.40	97	12696	4.416	ug/L		98
47) Tetrachloroethene	8.56	164	14879	4.906	ug/L		96
48) 2-Hexanone	8.69	43	79750	41.551	ug/L		97
49) Dibromochloromethane	8.81	129	19375	4.946	ug/L		98
50) 1,2-Dibromoethane	8.93	107	13436	4.633	ug/L		93
51) Chlorobenzene	9.45	112	47414	4.969	ug/L		96
52) Ethylbenzene	9.57	91	78728	4.798	ug/L		99
53) m,p-Xylene	9.69	106	30036	5.043	ug/L		100
54) o-Xylene	10.10	106	28404	4.919	ug/L		93
55) Styrene	10.11	104	50009	5.100	ug/L		94
56) Isopropylbenzene	10.48	105	81285	4.986	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.78	83	16196	4.586	ug/L		99
59) 1,2,3-Trichloropropane	10.82	75	12918	4.466	ug/L		100
61) Bromoform	10.29	173	12818	5.619	ug/L		99
62) 1,3-Dichlorobenzene	11.74	146	38050	4.973	ug/L		96
63) 1,4-Dichlorobenzene	11.83	146	39662	5.056	ug/L		96
65) 1,2-Dichlorobenzene	12.21	146	37357	4.931	ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.99	75	3899	5.254	ug/L		94
67) 1,3,5-Trichlorobenzene	13.21	180	30446	4.980	ug/L		99
68) 1,2,4-trichlorobenzene	13.83	180	24521	5.011	ug/L		97
69) Naphthalene	14.08	128	37384	4.861	ug/L		99
70) 1,2,3-Trichlorobenzene	14.32	180	22256	5.138	ug/L		98

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

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