Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041420\
Data File : VV015501.D
Acq On : 15 Apr 2020 07:15
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00546

Manual Integrations APPROVED
apatel
4/15/2020 11:27:37 AM

Quant Time: Apr 15 07:45:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 15 05:31:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	109980	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	104574	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	53928	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	34210	5.99	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 119.80%			
7) Chloroethane-d5	1.58	69	29931	5.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 114.00%			
11) 1,1-Dichloroethene-d2	2.13	63	67728	5.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 112.80%			
20) 2-Butanone-d5	3.92	46	83553	52.15	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.30%			
24) Chloroform-d	4.38	84	60652	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
26) 1,2-Dichloroethane-d4	5.06	65	34625	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.60%			
32) Benzene-d6	5.08	84	125794	5.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.40%			
36) 1,2-Dichloropropane-d6	6.10	67	38332	5.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.20%			
41) Toluene-d8	7.34	98	121096	5.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.40%			
43) trans-1,3-Dichloropropene-	7.65	79	14717	4.68	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.60%			
46) 2-Hexanone-d5	8.11	63	66821	44.09	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.18%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	28098	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.00%			
64) 1,2-Dichlorobenzene-d4	11.65	152	44133	5.10	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	53430	4.908	ug/L	98
3) Chloromethane	1.25	50	49108	4.737	ug/L	98
5) Vinyl chloride	1.32	62	49235	4.932	ug/L	96
6) Bromomethane	1.53	94	24723	4.482	ug/L	95
8) Chloroethane	1.60	64	28722m	4.961	ug/L	
9) Trichlorofluoromethane	1.77	101	67856	5.313	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	38031	5.272	ug/L	98
12) 1,1-Dichloroethene	2.13	96	35512	5.144	ug/L	91
13) Acetone	2.20	43	62286	55.022	ug/L #	54
14) Carbon disulfide	2.31	76	109232	4.539	ug/L	100
15) Methyl Acetate	2.45	43	14764	4.408	ug/L	95
16) Methylene chloride	2.52	84	40895	5.056	ug/L	96
17) Methyl tert-butyl Ether	2.79	73	96429	5.226	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	38526	4.952	ug/L	98
19) 1,1-Dichloroethane	3.21	63	75869	5.173	ug/L	96
21) 2-Butanone	4.00	43	99319	54.293	ug/L #	71
22) cis-1,2-Dichloroethene	3.94	96	42691	5.285	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.28	128	17639	5.248 ug/L	94
25) Chloroform	4.41	83	82118	5.472 ug/L	99
27) 1,2-Dichloroethane	5.16	62	49686	5.120 ug/L	96
29) 1,1,1-Trichloroethane	4.64	97	72033	5.309 ug/L	98
30) Cyclohexane	4.71	56	70338	4.883 ug/L	99
31) Carbon tetrachloride	4.86	117	61298	5.191 ug/L	100
33) Benzene	5.13	78	163304	5.218 ug/L	100
34) Trichloroethene	5.94	95	43606	5.176 ug/L	99
35) Methylcyclohexane	6.15	83	69432	4.892 ug/L	99
37) 1,2-Dichloropropane	6.20	63	41317	5.322 ug/L	100
38) Bromodichloromethane	6.53	83	54015	5.218 ug/L	95
39) cis-1,3-Dichloropropene	7.05	75	56507	4.743 ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	253080	49.649 ug/L	98
42) Toluene	7.41	91	177052	5.210 ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	47895	4.755 ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	27597	5.289 ug/L	96
47) Tetrachloroethene	8.00	164	33189	5.317 ug/L	98
48) 2-Hexanone	8.16	43	179287	50.339 ug/L	98
49) Dibromochloromethane	8.27	129	32515	5.202 ug/L	99
50) 1,2-Dibromoethane	8.38	107	25662	5.131 ug/L	97
51) Chlorobenzene	8.90	112	113197	5.226 ug/L	100
52) Ethylbenzene	9.04	91	205177	5.245 ug/L	98
53) m,p-xylene	9.16	106	77252	5.229 ug/L	99
54) o-xylene	9.57	106	75211	5.260 ug/L	98
55) Styrene	9.58	104	125069	5.204 ug/L	96
56) Isopropylbenzene	9.95	105	205373	5.239 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	32988	5.194 ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	24796	5.166 ug/L	99
61) Bromoform	9.76	173	15201	4.806 ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	92017	5.292 ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	90771	5.130 ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	82734	5.219 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	5960	4.913 ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	66361	5.282 ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	58343	5.155 ug/L	99
69) Naphthalene	13.53	128	100042	4.692 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	50554	5.057 ug/L	100

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

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