Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041520\
Data File : VV015524.D
Acq On : 15 Apr 2020 21:25
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00548

Quant Time: Apr 16 00:46:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 16 00:42:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	105989	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	100237	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	49982	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	29764	5.41	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 108.20%			
7) Chloroethane-d5	1.58	69	27078	5.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.00%			
11) 1,1-Dichloroethene-d2	2.12	63	62013	5.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 107.00%			
20) 2-Butanone-d5	3.92	46	80008	51.81	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.62%			
24) Chloroform-d	4.38	84	63320	5.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.00%			
26) 1,2-Dichloroethane-d4	5.06	65	33388	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.80%			
32) Benzene-d6	5.08	84	118308	5.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.40%			
36) 1,2-Dichloropropane-d6	6.10	67	37176	5.37	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.40%			
41) Toluene-d8	7.34	98	110563	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.20%			
43) trans-1,3-Dichloropropene-	7.64	79	14983	4.97	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.40%			
46) 2-Hexanone-d5	8.11	63	63458	43.68	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.36%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	25524	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.80%			
64) 1,2-Dichlorobenzene-d4	11.65	152	39867	4.97	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	52832	5.036	ug/L	98
3) Chloromethane	1.25	50	50014	5.006	ug/L	100
5) Vinyl chloride	1.32	62	48056	4.995	ug/L	97
6) Bromomethane	1.53	94	26806	5.042	ug/L	98
8) Chloroethane	1.60	64	28823	5.166	ug/L	99
9) Trichlorofluoromethane	1.76	101	66389	5.394	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	36763	5.288	ug/L	99
12) 1,1-Dichloroethene	2.13	96	33873	5.091	ug/L	94
13) Acetone	2.19	43	59381	54.431	ug/L #	52
14) Carbon disulfide	2.31	76	102972	4.440	ug/L	100
15) Methyl Acetate	2.45	43	14991	4.644	ug/L	95
16) Methylene chloride	2.52	84	40029	5.136	ug/L	94
17) Methyl tert-butyl Ether	2.79	73	94458	5.312	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	37898	5.055	ug/L	95
19) 1,1-Dichloroethane	3.21	63	73950	5.233	ug/L	96
21) 2-Butanone	4.00	43	96200	54.568	ug/L #	71
22) cis-1,2-Dichloroethene	3.94	96	40987	5.265	ug/L	98

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.28	128	16940	5.230 ug/L	94
25) Chloroform	4.40	83	76672	5.301 ug/L	98
27) 1,2-Dichloroethane	5.16	62	50228	5.371 ug/L	100
29) 1,1,1-Trichloroethane	4.63	97	70050	5.386 ug/L	98
30) Cyclohexane	4.70	56	69083	5.003 ug/L	98
31) Carbon tetrachloride	4.86	117	60098	5.309 ug/L	99
33) Benzene	5.13	78	158336	5.278 ug/L	100
34) Trichloroethene	5.94	95	44065	5.457 ug/L	97
35) Methylcyclohexane	6.15	83	67560	4.966 ug/L	99
37) 1,2-Dichloropropane	6.20	63	40564	5.452 ug/L	99
38) Bromodichloromethane	6.53	83	51616	5.202 ug/L	94
39) cis-1,3-Dichloropropene	7.05	75	58301	5.106 ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	247665	50.689 ug/L	99
42) Toluene	7.41	91	170378	5.231 ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	49045	5.079 ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	26983	5.395 ug/L	98
47) Tetrachloroethene	8.00	164	31489	5.263 ug/L	97
48) 2-Hexanone	8.16	43	174809	51.206 ug/L	99
49) Dibromochloromethane	8.27	129	31212	5.209 ug/L	97
50) 1,2-Dibromoethane	8.38	107	24960	5.207 ug/L	96
51) Chlorobenzene	8.90	112	108379	5.220 ug/L	99
52) Ethylbenzene	9.03	91	194763	5.194 ug/L	98
53) m,p-xylene	9.16	106	72706	5.135 ug/L	99
54) o-xylene	9.57	106	71295	5.202 ug/L	100
55) Styrene	9.58	104	119599	5.192 ug/L	100
56) Isopropylbenzene	9.95	105	194416	5.174 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	29864	4.906 ug/L	95
59) 1,2,3-Trichloropropane	10.30	75	24036	5.224 ug/L	98
61) Bromoform	9.76	173	14783	5.043 ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	86484	5.367 ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	86896	5.299 ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	77589	5.281 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	5337	4.747 ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	63419	5.446 ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	56772	5.412 ug/L	98
69) Naphthalene	13.53	128	94994	4.807 ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	49644	5.358 ug/L	98

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

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