Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042520\
Data File : VV015715.D
Acq On : 25 Apr 2020 23:41
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00541

Quant Time: Apr 27 01:19:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 27 01:12:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	125245	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	120056	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	61307	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	25956	3.97	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.40%			
7) Chloroethane-d5	1.58	69	28668	4.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.80%			
11) 1,1-Dichloroethene-d2	2.12	63	66770	4.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.20%			
20) 2-Butanone-d5	3.91	46	108091	51.43	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.86%			
24) Chloroform-d	4.38	84	76679	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
26) 1,2-Dichloroethane-d4	5.06	65	42823	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.40%			
32) Benzene-d6	5.08	84	137617	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
36) 1,2-Dichloropropane-d6	6.10	67	45066	4.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.40%			
41) Toluene-d8	7.34	98	130400	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.80%			
43) trans-1,3-Dichloropropene-	7.64	79	14582	4.12	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.40%			
46) 2-Hexanone-d5	8.11	63	86276	49.97	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.94%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	34062	5.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.00%			
64) 1,2-Dichlorobenzene-d4	11.65	152	50622	4.86	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	54669	5.096	ug/L	100
3) Chloromethane	1.25	50	44774	4.824	ug/L	99
5) Vinyl chloride	1.32	62	53744	5.422	ug/L	95
6) Bromomethane	1.53	94	15080	3.543	ug/L	98
8) Chloroethane	1.59	64	34380	5.281	ug/L	94
9) Trichlorofluoromethane	1.76	101	78122	5.616	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	42499	5.400	ug/L	99
12) 1,1-Dichloroethene	2.13	96	38971	5.346	ug/L	91
13) Acetone	2.19	43	72994	50.019	ug/L	100
14) Carbon disulfide	2.31	76	102739	4.986	ug/L	100
15) Methyl Acetate	2.45	43	18391	5.299	ug/L	98
16) Methylene chloride	2.52	84	44952	4.995	ug/L	96
17) Methyl tert-butyl Ether	2.78	73	107437	5.250	ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	43740	5.359	ug/L	100
19) 1,1-Dichloroethane	3.21	63	89087	5.559	ug/L	100
21) 2-Butanone	3.99	43	119613	53.138	ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	77602	8.599	ug/L	98

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 27 01:12:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	20280	5.502 ug/L	96
25) Chloroform	4.40	83	93245	5.480 ug/L	99
27) 1,2-Dichloroethane	5.15	62	60151	5.381 ug/L	100
29) 1,1,1-Trichloroethane	4.64	97	82319	5.407 ug/L	99
30) Cyclohexane	4.70	56	75361	5.181 ug/L	98
31) Carbon tetrachloride	4.86	117	66836	5.301 ug/L	99
33) Benzene	5.13	78	185669	5.413 ug/L	100
34) Trichloroethene	5.94	95	54837	5.789 ug/L	98
35) Methylcyclohexane	6.15	83	74597	5.131 ug/L	99
37) 1,2-Dichloropropane	6.20	63	47592	5.459 ug/L	98
38) Bromodichloromethane	6.53	83	58379	5.273 ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	58548	4.818 ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	298466	52.747 ug/L	100
42) Toluene	7.41	91	199583	5.446 ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	48492	4.748 ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	32519	5.472 ug/L	99
47) Tetrachloroethene	8.00	164	45505	6.672 ug/L	96
48) 2-Hexanone	8.16	43	214130	53.066 ug/L	99
49) Dibromochloromethane	8.27	129	30807	5.009 ug/L	100
50) 1,2-Dibromoethane	8.37	107	30306	5.515 ug/L	95
51) Chlorobenzene	8.90	112	127899	5.327 ug/L	99
52) Ethylbenzene	9.04	91	226638	5.343 ug/L	100
53) m,p-xylene	9.16	106	84156	5.417 ug/L	99
54) o-xylene	9.57	106	81043	5.391 ug/L	98
55) Styrene	9.58	104	138594	5.433 ug/L	99
56) Isopropylbenzene	9.95	105	225992	5.359 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	37914	5.464 ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	29745	5.344 ug/L	97
61) Bromoform	9.76	173	12098	4.780 ug/L #	97
62) 1,3-Dichlorobenzene	11.20	146	103128	5.315 ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	103100	5.269 ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	94124	5.364 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.45	75	5857	5.123 ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	75498	5.265 ug/L	97
68) 1,2,4-trichlorobenzene	13.29	180	65380	4.954 ug/L	98
69) Naphthalene	13.53	128	110063	4.660 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	58734	5.043 ug/L	99

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

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