Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072419\
Data File : VV012022.D
Acq On : 24 Jul 2019 20:44
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00548

Quant Time: Jul 25 07:05:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 25 04:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	124853	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	119749	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	64294	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	29981	4.62	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.40%			
7) Chloroethane-d5	1.59	69	25410	4.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.60%			
11) 1,1-Dichloroethene-d2	2.13	63	65730	5.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.80%			
20) 2-Butanone-d5	3.96	46	112521	59.32	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.64%			
24) Chloroform-d	4.40	84	88004	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.40%			
26) 1,2-Dichloroethane-d4	5.08	65	50825	5.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 117.00%			
32) Benzene-d6	5.10	84	179900	5.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.80%			
36) 1,2-Dichloropropane-d6	6.12	67	51301	5.37	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.40%			
41) Toluene-d8	7.36	98	168899	5.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.00%			
43) trans-1,3-Dichloropropene-	7.66	79	21515	5.55	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 111.00%			
46) 2-Hexanone-d5	8.14	63	93711	60.16	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 120.32%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38865	5.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 114.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	68897	5.56	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	68408	5.301	ug/L	97
3) Chloromethane	1.25	50	38373	5.124	ug/L	95
5) Vinyl chloride	1.32	62	39605	5.165	ug/L	98
6) Bromomethane	1.54	94	24833	5.507	ug/L	97
8) Chloroethane	1.60	64	22627	4.988	ug/L	98
9) Trichlorofluoromethane	1.77	101	76444	5.409	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	31947	5.029	ug/L	97
12) 1,1-Dichloroethene	2.14	96	31147	5.481	ug/L	89
13) Acetone	2.23	43	50489	49.380	ug/L	99
14) Carbon disulfide	2.32	76	80964	4.999	ug/L	97
15) Methyl Acetate	2.47	43	10175	4.558	ug/L	93
16) Methylene chloride	2.54	84	30765	4.828	ug/L	96
17) Methyl tert-butyl Ether	2.81	73	102092	5.265	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	45366	5.127	ug/L	98
19) 1,1-Dichloroethane	3.23	63	84575	5.411	ug/L	96
21) 2-Butanone	4.05	43	105118	53.592	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	50530	5.313	ug/L	100

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 25 04:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	21837	5.585 ug/L	93
25) Chloroform	4.43	83	104512	5.537 ug/L	96
27) 1,2-Dichloroethane	5.18	62	59264	5.647 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	85352	5.569 ug/L	99
30) Cyclohexane	4.72	56	71531	4.940 ug/L	99
31) Carbon tetrachloride	4.87	117	75384	5.463 ug/L	100
33) Benzene	5.15	78	188697	5.357 ug/L	100
34) Trichloroethene	5.96	95	53290	5.448 ug/L	96
35) Methylcyclohexane	6.17	83	77830	5.112 ug/L	99
37) 1,2-Dichloropropane	6.22	63	45477	5.370 ug/L	100
38) Bromodichloromethane	6.56	83	61256	5.414 ug/L	95
39) cis-1,3-Dichloropropene	7.07	75	66795	5.322 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	255749	54.051 ug/L	99
42) Toluene	7.43	91	210657	5.571 ug/L	96
44) trans-1,3-Dichloropropene	7.69	75	53572	5.366 ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	31982	5.468 ug/L	99
47) Tetrachloroethene	8.02	164	45369	5.375 ug/L	98
48) 2-Hexanone	8.19	43	182428	54.961 ug/L	100
49) Dibromochloromethane	8.29	129	40776	5.694 ug/L	98
50) 1,2-Dibromoethane	8.40	107	30235	5.475 ug/L	97
51) Chlorobenzene	8.92	112	134837	5.446 ug/L	99
52) Ethylbenzene	9.05	91	236308	5.476 ug/L	100
53) m,p-xylene	9.18	106	91927	5.596 ug/L	99
54) o-xylene	9.59	106	85728	5.504 ug/L	99
55) Styrene	9.60	104	147878	5.634 ug/L	99
56) Isopropylbenzene	9.97	105	239579	5.508 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	35270	5.564 ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	26837	5.433 ug/L	99
61) Bromoform	9.78	173	21589	5.470 ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	114662	5.452 ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	116308	5.372 ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	105420	5.445 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	5874	5.222 ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	94221	5.357 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	76534	5.358 ug/L	99
69) Naphthalene	13.55	128	111258	5.166 ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	71094	5.486 ug/L	100

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

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