Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072320\
Data File : VV017613.D
Acq On : 23 Jul 2020 19:27
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00554

Quant Time: Jul 24 01:57:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 24 01:49:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	184965	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	179746	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	102064	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	41267	4.67	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.40%			
7) Chloroethane-d5	1.58	69	32515	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.20%			
11) 1,1-Dichloroethene-d2	2.13	63	94663	4.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.60%			
20) 2-Butanone-d5	3.95	46	103940	49.19	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.38%			
24) Chloroform-d	4.38	84	106624	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%			
26) 1,2-Dichloroethane-d4	5.06	65	53482	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.00%			
32) Benzene-d6	5.07	84	189314	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
36) 1,2-Dichloropropane-d6	6.10	67	52626	4.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.60%			
41) Toluene-d8	7.34	98	185658	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
45) trans-1,3-Dichloropropene-	7.64	79	23279	4.66	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.20%			
48) 2-Hexanone-d5	8.11	63	77442	50.06	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.12%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38095	4.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.40%			
65) 1,2-Dichlorobenzene-d4	11.65	152	71827	4.65	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	90803	4.480	ug/L	100
3) Chloromethane	1.25	50	63366	4.806	ug/L	95
5) Vinyl chloride	1.32	62	62361	4.719	ug/L	98
6) Bromomethane	1.53	94	42194	4.968	ug/L	97
8) Chloroethane	1.60	64	38810	5.088	ug/L	95
9) Trichlorofluoromethane	1.77	101	112181	4.746	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	51207	4.639	ug/L	97
12) 1,1-Dichloroethene	2.13	96	48795	4.899	ug/L	97
13) Acetone	2.22	43	82073	49.620	ug/L #	52
14) Carbon disulfide	2.31	76	146609	4.842	ug/L	98
15) Methyl Acetate	2.46	43	17195	5.343	ug/L	92
16) Methylene chloride	2.52	84	51778	4.672	ug/L	95
17) Methyl tert-butyl Ether	2.79	73	128218	5.022	ug/L	97
18) trans-1,2-Dichloroethene	2.78	96	53774	4.955	ug/L	100
19) 1,1-Dichloroethane	3.21	63	116574	5.108	ug/L	100
21) 2-Butanone	4.03	43	140421	50.277	ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	67011	4.903	ug/L	95

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Data File : VV017613.D
Acq On : 23 Jul 2020 19:27
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00554

Quant Time: Jul 24 01:57:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 24 01:49:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.28	128	30700	4.874 ug/L	96
25) Chloroform	4.40	83	128413	5.013 ug/L	95
27) 1,2-Dichloroethane	5.16	62	83255	5.012 ug/L #	95
29) 1,1,1-Trichloroethane	4.63	97	121655	4.838 ug/L	99
30) Cyclohexane	4.70	56	88640	4.449 ug/L	99
31) Carbon tetrachloride	4.85	117	108221	4.838 ug/L	100
33) Benzene	5.12	78	252107	4.955 ug/L	100
34) Trichloroethene	5.94	95	69916	4.920 ug/L	95
35) Methylcyclohexane	6.15	83	95264	4.431 ug/L	98
37) 1,2-Dichloropropane	6.20	63	57983	4.849 ug/L	99
38) Bromodichloromethane	6.53	83	87720	4.987 ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	89989	4.990 ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	333241	50.829 ug/L	99
42) Toluene	7.41	91	280156	5.048 ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	262540	5.066 ug/L	100
44) 1,2,4-Trimethylbenzene	10.94	105	273812	5.171 ug/L	99
46) trans-1,3-Dichloropropene	7.67	75	80284	4.958 ug/L	99
47) 1,1,2-Trichloroethane	7.86	97	45216	4.986 ug/L	96
49) Tetrachloroethene	8.00	164	60296	4.812 ug/L	99
50) 2-Hexanone	8.16	43	236333	50.946 ug/L	95
51) Dibromochloromethane	8.27	129	58191	5.042 ug/L	95
52) 1,2-Dibromoethane	8.38	107	41537	4.854 ug/L	99
53) Chlorobenzene	8.90	112	183202	4.951 ug/L	99
54) Ethylbenzene	9.03	91	306964	4.940 ug/L	99
55) m,p-xylene	9.16	106	119532	5.107 ug/L	95
56) o-xylene	9.56	106	115455	5.084 ug/L	98
57) Styrene	9.58	104	199279	5.258 ug/L	97
58) Isopropylbenzene	9.95	105	316920	5.058 ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	48275	4.886 ug/L	97
62) Bromoform	9.75	173	32464	4.970 ug/L	100
63) 1,3-Dichlorobenzene	11.20	146	160502	4.884 ug/L	97
64) 1,4-Dichlorobenzene	11.30	146	158212	4.798 ug/L	97
66) 1,2-Dichlorobenzene	11.67	146	146288	4.887 ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	9758	5.213 ug/L	92
68) 1,3,5-Trichlorobenzene	12.67	180	129596	4.855 ug/L	97
69) 1,2,4-trichlorobenzene	13.28	180	105919	4.744 ug/L	99
70) Naphthalene	13.53	128	152344	4.894 ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	92854	4.693 ug/L	95

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

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