Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071420\
Data File : VV017497.D
Acq On : 14 Jul 2020 20:50
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jul 15 05:40:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 15 02:49:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	134731	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	130768	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	72103	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	37027	4.72	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.40%			
7) Chloroethane-d5	1.58	69	30395	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.40%			
11) 1,1-Dichloroethene-d2	2.13	63	81855	4.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.60%			
20) 2-Butanone-d5	3.96	46	87335	54.31	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.62%			
24) Chloroform-d	4.38	84	87017	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.00%			
26) 1,2-Dichloroethane-d4	5.06	65	48439	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.60%			
32) Benzene-d6	5.07	84	148425	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
36) 1,2-Dichloropropane-d6	6.10	67	41420	4.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.00%			
41) Toluene-d8	7.34	98	145021	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%			
45) trans-1,3-Dichloropropene-	7.64	79	19917	4.89	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.80%			
48) 2-Hexanone-d5	8.11	63	65426	53.88	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.76%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	30564	5.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	62158	5.04	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	78162	4.916	ug/L	99
3) Chloromethane	1.25	50	51159	4.707	ug/L	93
5) Vinyl chloride	1.32	62	53394	4.910	ug/L	97
6) Bromomethane	1.53	94	30812	4.694	ug/L	99
8) Chloroethane	1.60	64	29828	4.744	ug/L	97
9) Trichlorofluoromethane	1.77	101	97332	4.895	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	44099	4.822	ug/L	99
12) 1,1-Dichloroethene	2.14	96	41052	5.064	ug/L	86
13) Acetone	2.23	43	57522m	49.270	ug/L	
14) Carbon disulfide	2.31	76	119825	4.775	ug/L	99
15) Methyl Acetate	2.46	43	13099	5.808	ug/L	94
16) Methylene chloride	2.52	84	39990	4.096	ug/L	98
17) Methyl tert-butyl Ether	2.79	73	102642	5.096	ug/L	97
18) trans-1,2-Dichloroethene	2.78	96	42617	4.903	ug/L	94
19) 1,1-Dichloroethane	3.21	63	83508	4.971	ug/L	98
21) 2-Butanone	4.04	43	87600m	48.541	ug/L	
22) cis-1,2-Dichloroethene	3.94	96	45044	4.780	ug/L	100

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.28	128	21542	5.077 ug/L	95
25) Chloroform	4.41	83	91800	5.065 ug/L	97
27) 1,2-Dichloroethane	5.16	62	58893	4.967 ug/L	100
29) 1,1,1-Trichloroethane	4.63	97	89591	4.845 ug/L	96
30) Cyclohexane	4.70	56	66324	4.712 ug/L	98
31) Carbon tetrachloride	4.85	117	81859	4.786 ug/L	98
33) Benzene	5.13	78	169797	4.880 ug/L	100
34) Trichloroethene	5.94	95	50395	4.744 ug/L	97
35) Methylcyclohexane	6.15	83	73246	4.685 ug/L	98
37) 1,2-Dichloropropane	6.20	63	37376	4.640 ug/L	98
38) Bromodichloromethane	6.53	83	61117	4.898 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	60355	4.658 ug/L	96
40) 4-Methyl-2-pentanone	7.25	43	220026	51.681 ug/L	100
42) Toluene	7.41	91	191751	4.991 ug/L	100
43) 1,3,5-Trimethylbenzene	10.56	105	189559	4.971 ug/L	100
44) 1,2,4-Trimethylbenzene	10.94	105	193788	5.102 ug/L	99
46) trans-1,3-Dichloropropene	7.67	75	55203	4.841 ug/L	96
47) 1,1,2-Trichloroethane	7.86	97	29917	4.971 ug/L	94
49) Tetrachloroethene	8.00	164	44157	4.884 ug/L	97
50) 2-Hexanone	8.16	43	156298	49.969 ug/L	99
51) Dibromochloromethane	8.27	129	41434	4.996 ug/L	99
52) 1,2-Dibromoethane	8.38	107	28835	4.891 ug/L	99
53) Chlorobenzene	8.90	112	125728	4.885 ug/L	99
54) Ethylbenzene	9.03	91	218910	4.978 ug/L	99
55) m,p-xylene	9.16	106	83029	4.993 ug/L	95
56) o-xylene	9.57	106	80616	5.012 ug/L	91
57) Styrene	9.58	104	136108	5.028 ug/L	98
58) Isopropylbenzene	9.95	105	223957	4.918 ug/L	100
60) 1,1,2,2-Tetrachloroethane	10.26	83	31294	5.148 ug/L	97
62) Bromoform	9.75	173	22451	4.841 ug/L	98
63) 1,3-Dichlorobenzene	11.20	146	111383	4.969 ug/L	99
64) 1,4-Dichlorobenzene	11.29	146	110422	4.963 ug/L	97
66) 1,2-Dichlorobenzene	11.67	146	100177	4.931 ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	5906	4.719 ug/L	91
68) 1,3,5-Trichlorobenzene	12.67	180	87094	4.777 ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	69996	4.676 ug/L	98
70) Naphthalene	13.53	128	102042	4.843 ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	64562	5.000 ug/L	97

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

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