Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017642.D
Acq On : 24 Jul 2020 11:52
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jul 25 00:02:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 24 19:22:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	173509	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	163537	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	94223	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	37835	4.57	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.40%			
7) Chloroethane-d5	1.58	69	30051	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.80%			
11) 1,1-Dichloroethene-d2	2.12	63	89351	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.20%			
20) 2-Butanone-d5	3.95	46	81777m	41.26	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.52%			
24) Chloroform-d	4.37	84	101451	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
26) 1,2-Dichloroethane-d4	5.06	65	49728	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%			
32) Benzene-d6	5.07	84	169832	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
36) 1,2-Dichloropropane-d6	6.09	67	45882	4.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.60%			
41) Toluene-d8	7.33	98	166013	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
45) trans-1,3-Dichloropropene-	7.64	79	20769	4.57	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.40%			
48) 2-Hexanone-d5	8.11	63	63752	45.30	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.60%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35211	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	66460	4.66	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	92660	4.874	ug/L	99
3) Chloromethane	1.24	50	57761	4.670	ug/L	95
5) Vinyl chloride	1.32	62	61958	4.998	ug/L	100
6) Bromomethane	1.53	94	38043	4.775	ug/L	96
8) Chloroethane	1.59	64	36303	5.073	ug/L	95
9) Trichlorofluoromethane	1.76	101	114464	5.163	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	51217	4.946	ug/L	94
12) 1,1-Dichloroethene	2.13	96	45575	4.878	ug/L	92
13) Acetone	2.24	43	71806m	46.279	ug/L	
14) Carbon disulfide	2.31	76	138143	4.863	ug/L	98
15) Methyl Acetate	2.46	43	12834	4.251	ug/L	89
16) Methylene chloride	2.52	84	47949	4.612	ug/L	95
17) Methyl tert-butyl Ether	2.79	73	119742	5.000	ug/L	98
18) trans-1,2-Dichloroethene	2.77	96	51477	5.056	ug/L	98
19) 1,1-Dichloroethane	3.20	63	104601	4.886	ug/L	98
21) 2-Butanone	4.04	43	110283	42.093	ug/L	98
22) cis-1,2-Dichloroethene	3.93	96	61527	4.799	ug/L	99

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jul 25 00:02:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 24 19:22:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	28613	4.843	ug/L	85
25) Chloroform	4.40	83	120574	5.018	ug/L	98
27) 1,2-Dichloroethane	5.15	62	78885	5.063	ug/L	100
29) 1,1,1-Trichloroethane	4.63	97	117734	5.146	ug/L	98
30) Cyclohexane	4.69	56	87148	4.807	ug/L	98
31) Carbon tetrachloride	4.85	117	106847	5.250	ug/L	99
33) Benzene	5.12	78	231804	5.008	ug/L	100
34) Trichloroethene	5.94	95	64428	4.983	ug/L	98
35) Methylcyclohexane	6.15	83	94152	4.814	ug/L	99
37) 1,2-Dichloropropane	6.20	63	53567	4.924	ug/L	99
38) Bromodichloromethane	6.53	83	82289	5.142	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	83095	5.064	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	289208	48.485	ug/L	99
42) Toluene	7.41	91	261496	5.178	ug/L	98
43) 1,3,5-Trimethylbenzene	10.56	105	249269	5.287	ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	258492	5.366	ug/L	100
46) trans-1,3-Dichloropropene	7.67	75	72971	4.954	ug/L	98
47) 1,1,2-Trichloroethane	7.86	97	38428	4.658	ug/L	89
49) Tetrachloroethene	7.99	164	58575	5.138	ug/L	95
50) 2-Hexanone	8.16	43	211666	50.151	ug/L	98
51) Dibromochloromethane	8.27	129	55467	5.282	ug/L	95
52) 1,2-Dibromoethane	8.37	107	38568	4.954	ug/L	98
53) Chlorobenzene	8.90	112	172597	5.127	ug/L	98
54) Ethylbenzene	9.03	91	291218	5.151	ug/L	98
55) m,p-xylene	9.16	106	112848	5.300	ug/L	93
56) o-xylene	9.56	106	108838	5.267	ug/L	98
57) Styrene	9.58	104	185194	5.371	ug/L	99
58) Isopropylbenzene	9.95	105	299915	5.261	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	44222	4.919	ug/L	99
62) Bromoform	9.75	173	29458	4.885	ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	151471	4.993	ug/L	99
64) 1,4-Dichlorobenzene	11.29	146	149663	4.916	ug/L	97
66) 1,2-Dichlorobenzene	11.67	146	134636	4.872	ug/L	96
67) 1,2-Dibromo-3-chloropropan	12.45	75	8777	5.079	ug/L	96
68) 1,3,5-Trichlorobenzene	12.67	180	120719	4.899	ug/L	99
69) 1,2,4-trichlorobenzene	13.28	180	98282	4.768	ug/L	99
70) Naphthalene	13.52	128	133582	4.648	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	89040	4.875	ug/L	100

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

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