Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV073120\
Data File : VV017767.D
Acq On : 31 Jul 2020 10:55
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00543

Manual Integrations APPROVED
MMDadoda
8/4/2020 9:44:56 AM

Quant Time: Aug 01 04:40:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 31 23:40:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	159001	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	154944	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	86607	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	35232	4.64	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.80%			
7) Chloroethane-d5	1.58	69	30872	5.31	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.20%			
11) 1,1-Dichloroethene-d2	2.12	63	84824	4.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.60%			
20) 2-Butanone-d5	3.95	46	84287	46.41	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.82%			
24) Chloroform-d	4.37	84	89297	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.20%			
26) 1,2-Dichloroethane-d4	5.06	65	49606	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.60%			
32) Benzene-d6	5.07	84	148636	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.00%			
36) 1,2-Dichloropropane-d6	6.09	67	41456	4.37	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.40%			
41) Toluene-d8	7.33	98	142647	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.00%			
45) trans-1,3-Dichloropropene-	7.64	79	19903	4.62	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.40%			
48) 2-Hexanone-d5	8.11	63	64286	48.21	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.42%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	29990	4.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.80%			
65) 1,2-Dichlorobenzene-d4	11.65	152	60923	4.65	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	83994	4.821	ug/L	100
3) Chloromethane	1.25	50	52210	4.606	ug/L	92
5) Vinyl chloride	1.32	62	58331	5.135	ug/L	99
6) Bromomethane	1.53	94	36581	5.010	ug/L	98
8) Chloroethane	1.60	64	35321	5.386	ug/L	94
9) Trichlorofluoromethane	1.76	101	114509	5.636	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	52905	5.575	ug/L	94
12) 1,1-Dichloroethene	2.13	96	45939	5.365	ug/L	90
13) Acetone	2.23	43	72103m	50.711	ug/L	
14) Carbon disulfide	2.31	76	137116	5.268	ug/L	98
15) Methyl Acetate	2.46	43	14120	5.104	ug/L	91
16) Methylene chloride	2.52	84	49326	5.177	ug/L	98
17) Methyl tert-butyl Ether	2.79	73	117660	5.361	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	50266	5.388	ug/L	98
19) 1,1-Dichloroethane	3.21	63	94136	4.798	ug/L	98
21) 2-Butanone	4.03	43	101928	42.454	ug/L	90
22) cis-1,2-Dichloroethene	3.94	96	56613	4.819	ug/L	95

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00543

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Quant Time: Aug 01 04:40:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 31 23:40:56 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	25173	4.650	ug/L	91
25) Chloroform	4.40	83	111682	5.072	ug/L	96
27) 1,2-Dichloroethane	5.16	62	72842	5.102	ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	112913	5.209	ug/L	98
30) Cyclohexane	4.69	56	78956	4.597	ug/L	97
31) Carbon tetrachloride	4.85	117	105562	5.475	ug/L	96
33) Benzene	5.12	78	202638	4.620	ug/L	100
34) Trichloroethene	5.94	95	60572	4.944	ug/L	99
35) Methylcyclohexane	6.15	83	90479	4.882	ug/L	97
37) 1,2-Dichloropropane	6.20	63	45276	4.393	ug/L	100
38) Bromodichloromethane	6.53	83	74242	4.896	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	74073	4.765	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	245533	43.446	ug/L	98
42) Toluene	7.41	91	238078	4.976	ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	239288	5.357	ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	249845	5.474	ug/L	98
46) trans-1,3-Dichloropropene	7.67	75	67209	4.815	ug/L	98
47) 1,1,2-Trichloroethane	7.86	97	34634	4.431	ug/L	96
49) Tetrachloroethene	7.99	164	53466	4.950	ug/L	98
50) 2-Hexanone	8.16	43	171281	42.833	ug/L	95
51) Dibromochloromethane	8.27	129	50670	5.093	ug/L	97
52) 1,2-Dibromoethane	8.37	107	33140	4.493	ug/L	100
53) Chlorobenzene	8.90	112	155496	4.875	ug/L	99
54) Ethylbenzene	9.03	91	267830	5.000	ug/L	99
55) m,p-xylene	9.16	106	104207	5.165	ug/L	95
56) o-xylene	9.56	106	99264	5.070	ug/L	99
57) Styrene	9.58	104	172594	5.283	ug/L	98
58) Isopropylbenzene	9.95	105	284411	5.266	ug/L	100
60) 1,1,2,2-Tetrachloroethane	10.26	83	36123	4.241	ug/L	94
62) Bromoform	9.75	173	27878	5.030	ug/L	97
63) 1,3-Dichlorobenzene	11.20	146	143500	5.146	ug/L	99
64) 1,4-Dichlorobenzene	11.29	146	139068	4.970	ug/L	96
66) 1,2-Dichlorobenzene	11.67	146	125178	4.928	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	8086	5.091	ug/L	84
68) 1,3,5-Trichlorobenzene	12.67	180	122045	5.388	ug/L	96
69) 1,2,4-trichlorobenzene	13.28	180	96837	5.111	ug/L	99
70) Naphthalene	13.52	128	130683	4.947	ug/L	100
71) 1,2,3-Trichlorobenzene	13.77	180	83845	4.994	ug/L	98

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

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