Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072820\
Data File : VV017693.D
Acq On : 28 Jul 2020 09:44
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00539

Manual Integrations APPROVED
MMDadoda
7/29/2020 11:43:04 AM

Quant Time: Jul 29 05:14:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 29 04:55:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	179182	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	172942	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	99538	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	34695	4.06	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.20%			
7) Chloroethane-d5	1.58	69	29297	4.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.40%			
11) 1,1-Dichloroethene-d2	2.12	63	88866	4.63	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.60%			
20) 2-Butanone-d5	3.95	46	86657m	42.34	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.68%			
24) Chloroform-d	4.37	84	98375	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
26) 1,2-Dichloroethane-d4	5.06	65	49922	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
32) Benzene-d6	5.07	84	165566	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.80%			
36) 1,2-Dichloropropane-d6	6.09	67	45160	4.26	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.20%			
41) Toluene-d8	7.33	98	164484	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%			
45) trans-1,3-Dichloropropene-	7.64	79	21432	4.46	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.20%			
48) 2-Hexanone-d5	8.11	63	64774	43.52	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.04%			
59) 1,1,2,2-Tetrachloroethane-	10.23	84	32810	4.45	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	66017	4.39	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	96333	4.906	ug/L	98
3) Chloromethane	1.25	50	62123	4.863	ug/L	96
5) Vinyl chloride	1.32	62	65167	5.091	ug/L	97
6) Bromomethane	1.53	94	41504	5.045	ug/L	95
8) Chloroethane	1.59	64	39406	5.332	ug/L	97
9) Trichlorofluoromethane	1.76	101	126426	5.522	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	57464	5.374	ug/L	97
12) 1,1-Dichloroethene	2.13	96	52775	5.470	ug/L	94
13) Acetone	2.23	43	79753	49.774	ug/L #	56
14) Carbon disulfide	2.31	76	151249	5.156	ug/L	96
15) Methyl Acetate	2.46	43	16235	5.207	ug/L	90
16) Methylene chloride	2.52	84	53321	4.966	ug/L	95
17) Methyl tert-butyl Ether	2.79	73	127462	5.154	ug/L	98
18) trans-1,2-Dichloroethene	2.77	96	57118	5.433	ug/L	99
19) 1,1-Dichloroethane	3.20	63	100477	4.545	ug/L	97
21) 2-Butanone	4.03	43	122128	45.139	ug/L	99
22) cis-1,2-Dichloroethene	3.93	96	66616	5.031	ug/L	97

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

Instrument : MSVOA_V
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	29975	4.913 ug/L	89
25) Chloroform	4.40	83	127050	5.120 ug/L	99
27) 1,2-Dichloroethane	5.15	62	80790	5.021 ug/L	96
29) 1,1,1-Trichloroethane	4.62	97	126961	5.247 ug/L	98
30) Cyclohexane	4.69	56	87554	4.567 ug/L	95
31) Carbon tetrachloride	4.85	117	116087	5.394 ug/L	98
33) Benzene	5.12	78	247138	5.048 ug/L	100
34) Trichloroethene	5.93	95	68212	4.989 ug/L	97
35) Methylcyclohexane	6.15	83	99982	4.834 ug/L	97
37) 1,2-Dichloropropane	6.19	63	54998	4.781 ug/L	99
38) Bromodichloromethane	6.53	83	89139	5.267 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	88053	5.075 ug/L	95
40) 4-Methyl-2-pentanone	7.25	43	290713	46.087 ug/L	99
42) Toluene	7.41	91	275961	5.168 ug/L	98
43) 1,3,5-Trimethylbenzene	10.56	105	270845	5.432 ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	279809	5.493 ug/L	100
46) trans-1,3-Dichloropropene	7.67	75	77428	4.970 ug/L	99
47) 1,1,2-Trichloroethane	7.86	97	40466	4.638 ug/L	93
49) Tetrachloroethene	7.99	164	61244	5.080 ug/L	98
50) 2-Hexanone	8.16	43	213019	47.727 ug/L	99
51) Dibromochloromethane	8.27	129	58415	5.260 ug/L	98
52) 1,2-Dibromoethane	8.37	107	39753	4.828 ug/L	98
53) Chlorobenzene	8.90	112	182265	5.119 ug/L	99
54) Ethylbenzene	9.03	91	307082	5.136 ug/L	100
55) m,p-xylene	9.16	106	121311	5.387 ug/L	93
56) o-xylene	9.56	106	113166	5.179 ug/L	100
57) Styrene	9.58	104	199376	5.468 ug/L	99
58) Isopropylbenzene	9.95	105	322489	5.350 ug/L	100
60) 1,1,2,2-Tetrachloroethane	10.26	83	43438	4.569 ug/L	98
62) Bromoform	9.75	173	31158	4.891 ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	163376	5.098 ug/L	99
64) 1,4-Dichlorobenzene	11.29	146	163975	5.099 ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	145543	4.986 ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.45	75	8546	4.681 ug/L	96
68) 1,3,5-Trichlorobenzene	12.67	180	133355	5.123 ug/L	98
69) 1,2,4-trichlorobenzene	13.28	180	110270	5.064 ug/L	99
70) Naphthalene	13.52	128	139555	4.597 ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	91035	4.718 ug/L	95

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

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