Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072720\
Data File : VV017668.D
Acq On : 27 Jul 2020 10:09
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00560

Manual Integrations APPROVED
MMDadoda
7/29/2020 11:40:31 AM

Quant Time: Jul 28 04:48:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 25 00:05:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	175135	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	173625	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	98511	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	34880	4.17	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.40%			
7) Chloroethane-d5	1.58	69	28680	4.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.60%			
11) 1,1-Dichloroethene-d2	2.12	63	86314	4.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.00%			
20) 2-Butanone-d5	3.96	46	88896	44.43	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.86%			
24) Chloroform-d	4.37	84	98706	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
26) 1,2-Dichloroethane-d4	5.05	65	50230	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%			
32) Benzene-d6	5.07	84	163849	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.60%			
36) 1,2-Dichloropropane-d6	6.09	67	44836	4.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.20%			
41) Toluene-d8	7.33	98	161225	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.80%			
45) trans-1,3-Dichloropropene-	7.64	79	20530	4.26	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.20%			
48) 2-Hexanone-d5	8.11	63	64514	43.18	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.36%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	33924	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.60%			
65) 1,2-Dichlorobenzene-d4	11.65	152	66328	4.45	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	93757	4.886	ug/L	100
3) Chloromethane	1.25	50	59145	4.737	ug/L	95
5) Vinyl chloride	1.32	62	62097	4.963	ug/L	98
6) Bromomethane	1.53	94	39333	4.891	ug/L	96
8) Chloroethane	1.59	64	36593	5.066	ug/L	97
9) Trichlorofluoromethane	1.76	101	117110	5.233	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	54412	5.206	ug/L	96
12) 1,1-Dichloroethene	2.13	96	49356	5.233	ug/L	93
13) Acetone	2.23	43	77659m	49.587	ug/L	
14) Carbon disulfide	2.31	76	146910	5.124	ug/L	97
15) Methyl Acetate	2.46	43	16679	5.473	ug/L #	83
16) Methylene chloride	2.52	84	54852	5.227	ug/L	94
17) Methyl tert-butyl Ether	2.79	73	123185	5.096	ug/L	99
18) trans-1,2-Dichloroethene	2.77	96	53126	5.170	ug/L	94
19) 1,1-Dichloroethane	3.20	63	98729	4.569	ug/L	99
21) 2-Butanone	4.03	43	119713	45.268	ug/L	85
22) cis-1,2-Dichloroethene	3.93	96	63530	4.909	ug/L	94

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

Instrument :
MSVOA_V
ClientSampleId :
VSTD00560

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MMDadoda
7/29/2020 11:40:31 AM

Quant Time: Jul 28 04:48:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 25 00:05:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	29474	4.943 ug/L	92
25) Chloroform	4.40	83	123779	5.103 ug/L	96
27) 1,2-Dichloroethane	5.15	62	80609	5.125 ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	121173	4.988 ug/L	99
30) Cyclohexane	4.69	56	86185	4.478 ug/L	97
31) Carbon tetrachloride	4.84	117	110673	5.122 ug/L	99
33) Benzene	5.12	78	238611	4.855 ug/L	100
34) Trichloroethene	5.93	95	66454	4.841 ug/L	98
35) Methylcyclohexane	6.15	83	96982	4.670 ug/L	99
37) 1,2-Dichloropropane	6.19	63	53059	4.594 ug/L	98
38) Bromodichloromethane	6.53	83	84383	4.966 ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	85034	4.881 ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	290605	45.889 ug/L	99
42) Toluene	7.41	91	269639	5.029 ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	254792	5.090 ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	267271	5.226 ug/L	100
46) trans-1,3-Dichloropropene	7.67	75	76170	4.870 ug/L	98
47) 1,1,2-Trichloroethane	7.86	97	39738	4.537 ug/L	89
49) Tetrachloroethene	7.99	164	58632	4.844 ug/L	99
50) 2-Hexanone	8.16	43	210581	46.995 ug/L	97
51) Dibromochloromethane	8.26	129	57683	5.174 ug/L	94
52) 1,2-Dibromoethane	8.37	107	39218	4.745 ug/L	96
53) Chlorobenzene	8.90	112	174598	4.885 ug/L	98
54) Ethylbenzene	9.03	91	295003	4.915 ug/L	100
55) m,p-xylene	9.16	106	115543	5.111 ug/L	96
56) o-xylene	9.56	106	109005	4.969 ug/L	100
57) Styrene	9.58	104	190570	5.206 ug/L	98
58) Isopropylbenzene	9.95	105	305903	5.055 ug/L	100
60) 1,1,2,2-Tetrachloroethane	10.26	83	43027	4.508 ug/L	94
62) Bromoform	9.75	173	31845	5.051 ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	153500	4.840 ug/L	98
64) 1,4-Dichlorobenzene	11.29	146	155931	4.899 ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	139434	4.826 ug/L	95
67) 1,2-Dibromo-3-chloropropan	12.45	75	8479	4.693 ug/L	96
68) 1,3,5-Trichlorobenzene	12.67	180	125005	4.852 ug/L	99
69) 1,2,4-trichlorobenzene	13.28	180	102445	4.754 ug/L	98
70) Naphthalene	13.52	128	135481	4.509 ug/L	98
71) 1,2,3-Trichlorobenzene	13.77	180	89430	4.683 ug/L	96

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

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