Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015851.D
Acq On : 01 May 2020 11:17
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00552

Manual Integrations APPROVED
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5/4/2020 12:35:15 PM

Quant Time: May 02 00:04:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 01 13:06:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	124764	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	121003	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	59713	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	34480	5.29	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.80%			
7) Chloroethane-d5	1.58	69	31666	5.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.80%			
11) 1,1-Dichloroethene-d2	2.12	63	73180	5.13	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.60%			
20) 2-Butanone-d5	3.96	46	96789	46.23	ug/L	0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.46%			
24) Chloroform-d	4.37	84	72351	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
26) 1,2-Dichloroethane-d4	5.06	65	39996	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
32) Benzene-d6	5.07	84	138127	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
36) 1,2-Dichloropropane-d6	6.09	67	41601	4.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.20%			
41) Toluene-d8	7.33	98	127712	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.20%			
43) trans-1,3-Dichloropropene-	7.64	79	15183	4.25	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.00%			
46) 2-Hexanone-d5	8.12	63	69785	40.10	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.20%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	30540	4.44	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.80%			
64) 1,2-Dichlorobenzene-d4	11.65	152	44270	4.36	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	53212	4.979	ug/L	99
3) Chloromethane	1.24	50	50230	5.433	ug/L	99
5) Vinyl chloride	1.32	62	52201	5.287	ug/L	99
6) Bromomethane	1.53	94	25690	6.060	ug/L	100
8) Chloroethane	1.59	64	31844	4.910	ug/L	99
9) Trichlorofluoromethane	1.76	101	74760	5.395	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	40539	5.171	ug/L	97
12) 1,1-Dichloroethene	2.13	96	38032	5.238	ug/L	93
13) Acetone	2.25	43	74102m	50.974	ug/L	
14) Carbon disulfide	2.30	76	108452	5.283	ug/L	99
15) Methyl Acetate	2.47	43	19582	5.664	ug/L	98
16) Methylene chloride	2.52	84	46893	5.231	ug/L	97
17) Methyl tert-butyl Ether	2.79	73	108064	5.301	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	43194	5.313	ug/L	97
19) 1,1-Dichloroethane	3.21	63	89783	5.624	ug/L	99
21) 2-Butanone	4.04	43	118682	52.928	ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	46798	5.206	ug/L	98

Quantitation Report (QT Reviewed)

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Data File : VV015851.D
Acq On : 01 May 2020 11:17
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00552

Manual Integrations APPROVED
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5/4/2020 12:35:15 PM

Quant Time: May 02 00:04:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 01 13:06:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.28	128	19959	5.436	ug/L		97
25) Chloroform	4.40	83	92432	5.454	ug/L		99
27) 1,2-Dichloroethane	5.16	62	58658	5.268	ug/L		100
29) 1,1,1-Trichloroethane	4.63	97	79897	5.207	ug/L		99
30) Cyclohexane	4.70	56	73563	5.018	ug/L		99
31) Carbon tetrachloride	4.85	117	68456	5.387	ug/L		100
33) Benzene	5.12	78	184242	5.329	ug/L		100
34) Trichloroethene	5.94	95	49519	5.187	ug/L		98
35) Methylcyclohexane	6.15	83	70236	4.793	ug/L		99
37) 1,2-Dichloropropane	6.20	63	47020	5.351	ug/L		99
38) Bromodichloromethane	6.53	83	59668	5.347	ug/L		99
39) cis-1,3-Dichloropropene	7.05	75	60267	4.920	ug/L		99
40) 4-Methyl-2-pentanone	7.25	43	303383	53.196	ug/L		99
42) Toluene	7.41	91	194977	5.278	ug/L		100
44) trans-1,3-Dichloropropene	7.67	75	50958	4.951	ug/L		98
45) 1,1,2-Trichloroethane	7.86	97	31897	5.326	ug/L		98
47) Tetrachloroethene	8.00	164	34222	4.978	ug/L		97
48) 2-Hexanone	8.16	43	218698	53.774	ug/L		99
49) Dibromochloromethane	8.27	129	35079	5.659	ug/L		98
50) 1,2-Dibromoethane	8.38	107	29717	5.365	ug/L	#	95
51) Chlorobenzene	8.90	112	125963	5.205	ug/L		99
52) Ethylbenzene	9.03	91	221134	5.173	ug/L		99
53) m,p-xylene	9.16	106	82494	5.268	ug/L		98
54) o-xylene	9.56	106	79708	5.261	ug/L		98
55) Styrene	9.58	104	137826	5.361	ug/L		99
56) Isopropylbenzene	9.95	105	216955	5.104	ug/L		100
58) 1,1,2,2-Tetrachloroethane	10.26	83	37109	5.306	ug/L		95
59) 1,2,3-Trichloropropane	10.30	75	28981	5.166	ug/L		99
61) Bromoform	9.75	173	15970	6.479	ug/L	#	99
62) 1,3-Dichlorobenzene	11.20	146	101041	5.346	ug/L		100
63) 1,4-Dichlorobenzene	11.30	146	99771	5.235	ug/L		99
65) 1,2-Dichlorobenzene	11.67	146	91321	5.343	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.45	75	6235	5.599	ug/L		97
67) 1,3,5-Trichlorobenzene	12.67	180	70692	5.062	ug/L		98
68) 1,2,4-trichlorobenzene	13.29	180	60311	4.692	ug/L		98
69) Naphthalene	13.53	128	100895	4.386	ug/L		100
70) 1,2,3-Trichlorobenzene	13.77	180	55673	4.908	ug/L		100

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

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Data File : VV015851.D
Acq On : 01 May 2020 11:17
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 02 00:04:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
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Instrument :
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