Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050420\
Data File : VV015891.D
Acq On : 04 May 2020 17:39
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00555

Manual Integrations APPROVED
apatel
5/5/2020 11:16:59 AM

Quant Time: May 05 03:54:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 05 01:28:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	123796	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	119680	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	60801	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	30826	4.77	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.40%			
7) Chloroethane-d5	1.57	69	29607	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.00%			
11) 1,1-Dichloroethene-d2	2.12	63	67611	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.40%			
20) 2-Butanone-d5	3.98	46	101675	48.95	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.90%			
24) Chloroform-d	4.38	84	72334	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
26) 1,2-Dichloroethane-d4	5.06	65	40611	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%			
32) Benzene-d6	5.08	84	135299	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
36) 1,2-Dichloropropane-d6	6.10	67	43168	4.73	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.60%			
41) Toluene-d8	7.34	98	126795	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
43) trans-1,3-Dichloropropene-	7.65	79	16367	4.64	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.80%			
46) 2-Hexanone-d5	8.12	63	82653	48.02	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.04%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	33124	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.40%			
64) 1,2-Dichlorobenzene-d4	11.65	152	48280	4.67	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	47627	4.492	ug/L	99
3) Chloromethane	1.24	50	45559	4.967	ug/L	97
5) Vinyl chloride	1.32	62	46467	4.743	ug/L	99
6) Bromomethane	1.53	94	24464	5.816	ug/L	95
8) Chloroethane	1.59	64	30400	4.724	ug/L	98
9) Trichlorofluoromethane	1.76	101	67196	4.887	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	37505	4.822	ug/L	96
12) 1,1-Dichloroethene	2.13	96	35328	4.903	ug/L	96
13) Acetone	2.28	43	67192m	46.582	ug/L	
14) Carbon disulfide	2.30	76	91312	4.483	ug/L	99
15) Methyl Acetate	2.47	43	20372	5.939	ug/L	100
16) Methylene chloride	2.52	84	52475	5.899	ug/L	97
17) Methyl tert-butyl Ether	2.79	73	108087	5.344	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	40052	4.965	ug/L	100
19) 1,1-Dichloroethane	3.21	63	83808	5.291	ug/L	98
21) 2-Butanone	4.05	43	112477m	50.553	ug/L	
22) cis-1,2-Dichloroethene	3.94	96	45390	5.089	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.28	128	18834	5.169 ug/L	99
25) Chloroform	4.40	83	90015	5.353 ug/L	97
27) 1,2-Dichloroethane	5.16	62	57003	5.159 ug/L	99
29) 1,1,1-Trichloroethane	4.64	97	76211	5.021 ug/L	100
30) Cyclohexane	4.70	56	68891	4.751 ug/L	99
31) Carbon tetrachloride	4.86	117	62583	4.979 ug/L	97
33) Benzene	5.13	78	171098	5.004 ug/L	100
34) Trichloroethene	5.94	95	46435	4.917 ug/L	98
35) Methylcyclohexane	6.15	83	68422	4.721 ug/L	97
37) 1,2-Dichloropropane	6.20	63	44664	5.139 ug/L	98
38) Bromodichloromethane	6.53	83	56384	5.109 ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	61789	5.100 ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	300538	53.280 ug/L	99
42) Toluene	7.41	91	185017	5.064 ug/L	98
44) trans-1,3-Dichloropropene	7.68	75	52800	5.186 ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	31707	5.352 ug/L	97
47) Tetrachloroethene	8.00	164	32022	4.710 ug/L	95
48) 2-Hexanone	8.17	43	212727	52.884 ug/L	99
49) Dibromochloromethane	8.27	129	33776	5.509 ug/L	99
50) 1,2-Dibromoethane	8.38	107	28803	5.258 ug/L	96
51) Chlorobenzene	8.90	112	119360	4.987 ug/L	97
52) Ethylbenzene	9.04	91	210761	4.985 ug/L	99
53) m,p-xylene	9.16	106	79017	5.102 ug/L	100
54) o-xylene	9.57	106	76448	5.102 ug/L	98
55) Styrene	9.58	104	129542	5.094 ug/L	99
56) Isopropylbenzene	9.95	105	212129	5.046 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.27	83	36594	5.290 ug/L	95
59) 1,2,3-Trichloropropane	10.30	75	28652	5.163 ug/L	100
61) Bromoform	9.76	173	15305	6.098 ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	95388	4.957 ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	95502	4.921 ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	87232	5.012 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	6256	5.517 ug/L	94
67) 1,3,5-Trichlorobenzene	12.67	180	68405	4.810 ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	59979	4.583 ug/L	99
69) Naphthalene	13.53	128	108875	4.648 ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	54783	4.743 ug/L	98

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

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