Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051920\
Data File : VV016113.D
Acq On : 19 May 2020 09:54
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00549

Manual Integrations APPROVED
apatel
5/20/2020 1:05:46 PM

Quant Time: May 20 01:18:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 18 14:51:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	162670	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	161142	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	82935	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	41482	4.70	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.00%			
7) Chloroethane-d5	1.58	69	41776	4.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.80%			
11) 1,1-Dichloroethene-d2	2.12	63	88079	4.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.80%			
20) 2-Butanone-d5	3.97	46	133442	53.01	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.02%			
24) Chloroform-d	4.38	84	97660	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
26) 1,2-Dichloroethane-d4	5.06	65	56066	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.40%			
32) Benzene-d6	5.07	84	185652	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
36) 1,2-Dichloropropane-d6	6.09	67	59069	5.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.00%			
41) Toluene-d8	7.33	98	173774	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.80%			
45) trans-1,3-Dichloropropene-	7.64	79	23016	5.01	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.20%			
48) 2-Hexanone-d5	8.12	63	110426	54.72	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.44%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	45792	5.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 111.20%			
65) 1,2-Dichlorobenzene-d4	11.65	152	64658	4.80	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	58351	4.681	ug/L	98
3) Chloromethane	1.25	50	59511	4.716	ug/L	100
5) Vinyl chloride	1.32	62	58223	4.825	ug/L	100
6) Bromomethane	1.53	94	34154	4.987	ug/L	99
8) Chloroethane	1.60	64	36599	4.257	ug/L	98
9) Trichlorofluoromethane	1.76	101	82726	4.998	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	46089	4.929	ug/L	99
12) 1,1-Dichloroethene	2.13	96	43323	4.839	ug/L	84
13) Acetone	2.27	43	75473m	45.450	ug/L	
14) Carbon disulfide	2.31	76	144097	4.876	ug/L	99
15) Methyl Acetate	2.47	43	22656	5.904	ug/L	92
16) Methylene chloride	2.52	84	52723	4.922	ug/L	97
17) Methyl tert-butyl Ether	2.79	73	117871	5.067	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	49281	4.981	ug/L	98
19) 1,1-Dichloroethane	3.21	63	97152	5.099	ug/L	99
21) 2-Butanone	4.06	43	131227	51.890	ug/L #	75
22) cis-1,2-Dichloroethene	3.94	96	52621	5.081	ug/L	97

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

Instrument :
MSVOA_V
ClientSampleId :
VSTD00549

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Quant Time: May 20 01:18:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 18 14:51:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.28	128	22476	5.085	ug/L		99
25) Chloroform	4.40	83	104201	4.965	ug/L		100
27) 1,2-Dichloroethane	5.16	62	64091	4.971	ug/L		100
29) 1,1,1-Trichloroethane	4.63	97	90767	5.108	ug/L		99
30) Cyclohexane	4.70	56	85095	4.779	ug/L		97
31) Carbon tetrachloride	4.85	117	75879	4.948	ug/L		100
33) Benzene	5.13	78	206711	5.099	ug/L		100
34) Trichloroethene	5.94	95	53792	4.649	ug/L		95
35) Methylcyclohexane	6.15	83	86714	4.954	ug/L		98
37) 1,2-Dichloropropane	6.20	63	52459	5.093	ug/L		100
38) Bromodichloromethane	6.53	83	67568	5.166	ug/L		99
39) cis-1,3-Dichloropropene	7.05	75	74958	5.149	ug/L		100
40) 4-Methyl-2-pentanone	7.25	43	331102	51.574	ug/L		99
42) Toluene	7.41	91	226275	5.265	ug/L		98
43) 1,3,5-Trimethylbenzene	10.56	105	205987	5.221	ug/L	#	100
44) 1,2,4-Trimethylbenzene	10.94	105	206908	5.248	ug/L	#	100
46) trans-1,3-Dichloropropene	7.67	75	65854	5.355	ug/L		100
47) 1,1,2-Trichloroethane	7.86	97	34680	5.042	ug/L		97
49) Tetrachloroethene	8.00	164	43066	5.334	ug/L		98
50) 2-Hexanone	8.17	43	242085	53.322	ug/L		99
51) Dibromochloromethane	8.27	129	40898	5.292	ug/L		100
52) 1,2-Dibromoethane	8.37	107	32677	5.122	ug/L		96
53) Chlorobenzene	8.90	112	144307	5.221	ug/L		98
54) Ethylbenzene	9.03	91	252046	5.158	ug/L		99
55) m,p-xylene	9.16	106	94755	5.237	ug/L		100
56) o-xylene	9.56	106	90369	5.224	ug/L		98
57) Styrene	9.58	104	155756	5.383	ug/L		98
58) Isopropylbenzene	9.95	105	247214	5.202	ug/L		100
60) 1,1,2,2-Tetrachloroethane	10.26	83	43608	5.933	ug/L		100
62) Bromoform	9.75	173	20157	5.290	ug/L		99
63) 1,3-Dichlorobenzene	11.20	146	114064	5.105	ug/L		98
64) 1,4-Dichlorobenzene	11.30	146	115291	5.136	ug/L		98
66) 1,2-Dichlorobenzene	11.67	146	104723	5.178	ug/L		97
67) 1,2-Dibromo-3-chloropropan	12.45	75	7119	5.394	ug/L		99
68) 1,3,5-Trichlorobenzene	12.67	180	82139	5.028	ug/L		99
69) 1,2,4-trichlorobenzene	13.29	180	69142	4.926	ug/L		98
70) Naphthalene	13.53	128	108587	4.864	ug/L		99
71) 1,2,3-Trichlorobenzene	13.77	180	61967	5.004	ug/L		98

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

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