Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060220\
Data File : VV016423.D
Acq On : 02 Jun 2020 11:14
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00549

Quant Time: Jun 02 18:21:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 02 16:49:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	86032	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	81823	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	40761	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	30518	4.05	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.00%			
7) Chloroethane-d5	1.58	69	24412	4.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.20%			
11) 1,1-Dichloroethene-d2	2.13	63	57723	4.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.60%			
20) 2-Butanone-d5	3.94	46	84548	52.03	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.06%			
24) Chloroform-d	4.37	84	55696	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.40%			
26) 1,2-Dichloroethane-d4	5.06	65	32614	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%			
32) Benzene-d6	5.07	84	113729	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
36) 1,2-Dichloropropane-d6	6.09	67	35484	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.80%			
41) Toluene-d8	7.34	98	102222	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%			
45) trans-1,3-Dichloropropene-	7.64	79	12876	4.97	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.40%			
48) 2-Hexanone-d5	8.11	63	64238	53.32	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.64%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	25613	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	34443	4.55	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	36322	5.179	ug/L	97
3) Chloromethane	1.25	50	38296	4.459	ug/L	97
5) Vinyl chloride	1.32	62	38025	4.955	ug/L	99
6) Bromomethane	1.53	94	16632	3.858	ug/L	99
8) Chloroethane	1.60	64	22675	4.904	ug/L	97
9) Trichlorofluoromethane	1.77	101	52997	5.099	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	29069	4.989	ug/L	97
12) 1,1-Dichloroethene	2.14	96	27153	4.904	ug/L	98
13) Acetone	2.22	43	47211	43.189	ug/L	100
14) Carbon disulfide	2.31	76	79881	4.744	ug/L	97
15) Methyl Acetate	2.46	43	11759	4.287	ug/L	99
16) Methylene chloride	2.52	84	29029	4.901	ug/L	99
17) Methyl tert-butyl Ether	2.79	73	67549	5.209	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	29337	4.992	ug/L	99
19) 1,1-Dichloroethane	3.21	63	59651	5.145	ug/L	99
21) 2-Butanone	4.02	43	84926	52.687	ug/L	94
22) cis-1,2-Dichloroethene	3.94	96	33389	5.147	ug/L	97

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

Instrument : MSVOA_V
ClientSampleId : VSTD00549

Quant Time: Jun 02 18:21:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 02 16:49:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	14270	5.637 ug/L	90
25) Chloroform	4.40	83	67606	5.819 ug/L	95
27) 1,2-Dichloroethane	5.15	62	40163	5.241 ug/L	97
29) 1,1,1-Trichloroethane	4.63	97	52819	5.476 ug/L	99
30) Cyclohexane	4.70	56	55495	5.344 ug/L	98
31) Carbon tetrachloride	4.85	117	44433	5.351 ug/L	99
33) Benzene	5.12	78	130827	5.399 ug/L	100
34) Trichloroethene	5.94	95	33849	5.329 ug/L	94
35) Methylcyclohexane	6.15	83	54306	5.308 ug/L	99
37) 1,2-Dichloropropane	6.20	63	33230	5.425 ug/L	99
38) Bromodichloromethane	6.53	83	39612	5.377 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	44688	5.523 ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	202812	54.823 ug/L	99
42) Toluene	7.41	91	140493	5.456 ug/L	100
43) 1,3,5-Trimethylbenzene	10.56	105	124918	5.469 ug/L	98
44) 1,2,4-Trimethylbenzene	10.94	105	126255	5.425 ug/L	99
46) trans-1,3-Dichloropropene	7.67	75	36379	5.442 ug/L	99
47) 1,1,2-Trichloroethane	7.86	97	21390	5.459 ug/L	99
49) Tetrachloroethene	8.00	164	24867	5.338 ug/L	97
50) 2-Hexanone	8.16	43	146492	56.773 ug/L	99
51) Dibromochloromethane	8.27	129	22584	5.513 ug/L	95
52) 1,2-Dibromoethane	8.37	107	19874	5.367 ug/L	99
53) Chlorobenzene	8.90	112	87644	5.422 ug/L	98
54) Ethylbenzene	9.03	91	155113	5.461 ug/L	100
55) m,p-xylene	9.16	106	58382	5.492 ug/L	97
56) o-xylene	9.56	106	55758	5.569 ug/L	95
57) Styrene	9.58	104	95722	5.599 ug/L	99
58) Isopropylbenzene	9.95	105	149417	5.476 ug/L	100
60) 1,1,2,2-Tetrachloroethane	10.26	83	25815	5.223 ug/L	95
62) Bromoform	9.75	173	9093	5.282 ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	67482	5.374 ug/L	99
64) 1,4-Dichlorobenzene	11.30	146	66939	5.157 ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	59226	5.068 ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.45	75	3780	4.962 ug/L	98
68) 1,3,5-Trichlorobenzene	12.67	180	45296	5.010 ug/L	99
69) 1,2,4-trichlorobenzene	13.28	180	32651	4.207 ug/L	97
70) Naphthalene	13.53	128	48066	2.586 ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	23285	3.362 ug/L	99

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

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