Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050119\
Data File : VV010622.D
Acq On : 01 May 2019 23:14
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00556

Quant Time: May 02 08:25:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 02 08:18:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	79205	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	81386	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	37232	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	22319	4.80	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.00%			
7) Chloroethane-d5	1.58	69	16250	5.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.40%			
11) 1,1-Dichloroethene-d2	2.13	63	44497	4.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.80%			
20) 2-Butanone-d5	3.96	46	61141	55.93	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.86%			
24) Chloroform-d	4.40	84	52258	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
26) 1,2-Dichloroethane-d4	5.08	65	25099	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
32) Benzene-d6	5.10	84	102093	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
36) 1,2-Dichloropropane-d6	6.12	67	30582	4.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.00%			
41) Toluene-d8	7.36	98	97511	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%			
43) trans-1,3-Dichloropropene-	7.67	79	10908	4.92	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.40%			
46) 2-Hexanone-d5	8.14	63	48139	54.33	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.66%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	22920	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	34066	4.87	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	38521	5.339	ug/L	97
3) Chloromethane	1.25	50	31456	5.132	ug/L	99
5) Vinyl chloride	1.32	62	32531	5.255	ug/L	96
6) Bromomethane	1.54	94	19732	5.293	ug/L	99
8) Chloroethane	1.60	64	15462	5.700	ug/L	97
9) Trichlorofluoromethane	1.77	101	50897	5.144	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	26468	5.088	ug/L	96
12) 1,1-Dichloroethene	2.14	96	24044	5.087	ug/L	88
13) Acetone	2.22	43	31602	48.684	ug/L	98
14) Carbon disulfide	2.32	76	64101	4.956	ug/L	99
15) Methyl Acetate	2.47	43	10516	5.237	ug/L	96
16) Methylene chloride	2.53	84	29031	5.145	ug/L	94
17) Methyl tert-butyl Ether	2.81	73	59609	5.312	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	28492	5.263	ug/L	97
19) 1,1-Dichloroethane	3.23	63	52400	5.285	ug/L	97
21) 2-Butanone	4.05	43	64543	58.505	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	30523	5.252	ug/L	95

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Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00556

Quant Time: May 02 08:25:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 02 08:18:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	13024	5.292 ug/L	93
25) Chloroform	4.43	83	56622	5.344 ug/L	98
27) 1,2-Dichloroethane	5.18	62	33745	5.561 ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	47741	5.108 ug/L	99
30) Cyclohexane	4.73	56	44143	5.018 ug/L	99
31) Carbon tetrachloride	4.88	117	43827	5.240 ug/L	97
33) Benzene	5.15	78	119416	5.325 ug/L	100
34) Trichloroethene	5.96	95	32311	5.117 ug/L	97
35) Methylcyclohexane	6.18	83	44906	4.909 ug/L	97
37) 1,2-Dichloropropane	6.22	63	28946	5.282 ug/L	98
38) Bromodichloromethane	6.56	83	36620	5.241 ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	39294	5.290 ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	162283	53.941 ug/L	98
42) Toluene	7.43	91	132683	5.289 ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	29548	5.100 ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	20063	5.153 ug/L	89
47) Tetrachloroethene	8.02	164	24583	4.932 ug/L	96
48) 2-Hexanone	8.19	43	118495	54.909 ug/L	99
49) Dibromochloromethane	8.29	129	23474	5.177 ug/L	98
50) 1,2-Dibromoethane	8.40	107	18742	5.387 ug/L	99
51) Chlorobenzene	8.93	112	83660	5.129 ug/L	98
52) Ethylbenzene	9.05	91	139305	5.235 ug/L	100
53) m,p-xylene	9.18	106	53354	5.235 ug/L	96
54) o-xylene	9.59	106	52240	5.265 ug/L	98
55) Styrene	9.60	104	87322	5.305 ug/L	100
56) Isopropylbenzene	9.97	105	137557	5.342 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	22099	5.025 ug/L	93
59) 1,2,3-Trichloropropane	10.32	75	17541	5.628 ug/L	98
61) Bromoform	9.77	173	11616	5.175 ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	59620	4.991 ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	60236	5.060 ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	58575	5.158 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	3450	5.300 ug/L	91
67) 1,3,5-Trichlorobenzene	12.69	180	44407	4.954 ug/L	96
68) 1,2,4-trichlorobenzene	13.31	180	32351	4.811 ug/L	99
69) Naphthalene	13.55	128	49316	4.795 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	30624	5.106 ug/L	97

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

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