Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071719\
Data File : VV011929.D
Acq On : 17 Jul 2019 23:07
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00540

Quant Time: Jul 18 02:33:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 02:17:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	158845	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	154347	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	75245	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	53840	4.62	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.40%			
7) Chloroethane-d5	1.58	69	46151	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.60%			
11) 1,1-Dichloroethene-d2	2.13	63	101359	5.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 106.20%			
20) 2-Butanone-d5	3.94	46	160009	54.31	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.62%			
24) Chloroform-d	4.41	84	118222	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
26) 1,2-Dichloroethane-d4	5.08	65	61911	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.20%			
32) Benzene-d6	5.10	84	226608	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.80%			
36) 1,2-Dichloropropane-d6	6.12	67	69234	5.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.60%			
41) Toluene-d8	7.36	98	206743	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.80%			
43) trans-1,3-Dichloropropene-	7.66	79	26022	5.11	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.20%			
46) 2-Hexanone-d5	8.13	63	115772	56.49	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.98%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	48073	5.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 111.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	75469	5.02	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	84096	5.170	ug/L	100
3) Chloromethane	1.25	50	80803	5.125	ug/L	99
5) Vinyl chloride	1.32	62	79993	5.275	ug/L	99
6) Bromomethane	1.53	94	32367	3.679	ug/L	99
8) Chloroethane	1.60	64	45829	5.313	ug/L	96
9) Trichlorofluoromethane	1.77	101	103221	5.413	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	52653	5.716	ug/L	99
12) 1,1-Dichloroethene	2.14	96	48969	5.784	ug/L	97
13) Acetone	2.19	43	76559	51.198	ug/L	97
14) Carbon disulfide	2.32	76	114984	4.790	ug/L	99
15) Methyl Acetate	2.46	43	21602	6.794	ug/L	97
16) Methylene chloride	2.53	84	49125	5.535	ug/L	95
17) Methyl tert-butyl Ether	2.81	73	136250	5.320	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	61457	5.163	ug/L	97
19) 1,1-Dichloroethane	3.23	63	120074	5.350	ug/L	98
21) 2-Butanone	4.02	43	159302	54.334	ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	82776	6.755	ug/L	98

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ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 02:17:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	27006	5.387 ug/L	96
25) Chloroform	4.43	83	122201	5.048 ug/L	93
27) 1,2-Dichloroethane	5.18	62	73886	5.182 ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	100073	5.276 ug/L	99
30) Cyclohexane	4.73	56	106159	5.256 ug/L	98
31) Carbon tetrachloride	4.87	117	86463	5.220 ug/L	100
33) Benzene	5.15	78	258589	5.354 ug/L	100
34) Trichloroethene	5.96	95	70377	5.243 ug/L	99
35) Methylcyclohexane	6.18	83	104854	5.150 ug/L	98
37) 1,2-Dichloropropane	6.22	63	65581	5.563 ug/L	100
38) Bromodichloromethane	6.56	83	77150	5.343 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	84953	5.264 ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	390940	55.186 ug/L	100
42) Toluene	7.43	91	278997	5.505 ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	67182	5.237 ug/L	95
45) 1,1,2-Trichloroethane	7.88	97	43057	5.403 ug/L	98
47) Tetrachloroethene	8.02	164	53351	5.400 ug/L	96
48) 2-Hexanone	8.18	43	276033	54.434 ug/L	99
49) Dibromochloromethane	8.29	129	46561	5.388 ug/L	95
50) 1,2-Dibromoethane	8.40	107	38705	5.277 ug/L	100
51) Chlorobenzene	8.92	112	171109	5.349 ug/L	98
52) Ethylbenzene	9.05	91	296824	5.328 ug/L	99
53) m,p-xylene	9.18	106	114458	5.517 ug/L	96
54) o-xylene	9.59	106	107616	5.567 ug/L	95
55) Styrene	9.60	104	183757	5.596 ug/L	99
56) Isopropylbenzene	9.97	105	287306	5.412 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	44607	5.869 ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	36608	5.235 ug/L	99
61) Bromoform	9.77	173	21399	5.082 ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	128060	5.287 ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	131409	5.273 ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	123111	5.426 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	7057	5.478 ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	98193	5.165 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	80112	5.340 ug/L	99
69) Naphthalene	13.55	128	125050	5.427 ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	74886	5.536 ug/L	98

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

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