Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111718\
Data File : VV008600.D
Acq On : 16 Nov 2018 23:22
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00576

Quant Time: Nov 17 04:50:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 04:38:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	157100	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	142383	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66677	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	34666	4.97	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.40%			
7) Chloroethane-d5	1.59	69	27491	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.60%			
11) 1,1-Dichloroethene-d2	2.14	63	69557	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.20%			
20) 2-Butanone-d5	3.98	46	128686	51.54	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.08%			
24) Chloroform-d	4.41	84	93566	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
26) 1,2-Dichloroethane-d4	5.09	65	48618	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.20%			
32) Benzene-d6	5.10	84	185929	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.00%			
36) 1,2-Dichloropropane-d6	6.12	67	57638	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.20%			
41) Toluene-d8	7.36	98	172839	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
43) trans-1,3-Dichloropropene-	7.67	79	21381	4.68	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.60%			
46) 2-Hexanone-d5	8.14	63	104418	50.46	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.92%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	42711	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	59986	4.98	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	66117	5.105	ug/L	99
3) Chloromethane	1.25	50	53283	4.922	ug/L	98
5) Vinyl chloride	1.32	62	52641	5.298	ug/L	99
6) Bromomethane	1.54	94	31409	5.069	ug/L	96
8) Chloroethane	1.60	64	29784	5.117	ug/L	99
9) Trichlorofluoromethane	1.77	101	73350	5.357	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	39923	4.997	ug/L	96
12) 1,1-Dichloroethene	2.14	96	36408	4.999	ug/L	90
13) Acetone	2.23	43	61739	47.412	ug/L	97
14) Carbon disulfide	2.32	76	112007	4.927	ug/L	99
15) Methyl Acetate	2.48	43	15884	4.875	ug/L	98
16) Methylene chloride	2.54	84	40608	4.580	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	100180	5.168	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	39956	5.054	ug/L	99
19) 1,1-Dichloroethane	3.23	63	102905	5.144	ug/L	98
21) 2-Butanone	4.06	43	144951	49.717	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	61973	5.193	ug/L	97

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00576

Quant Time: Nov 17 04:50:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 04:38:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	24227	5.276	ug/L	98
25) Chloroform	4.43	83	110099	4.356	ug/L	99
27) 1,2-Dichloroethane	5.19	62	68314	5.417	ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	91269	5.077	ug/L	98
30) Cyclohexane	4.72	56	100965	5.050	ug/L	97
31) Carbon tetrachloride	4.88	117	76731	5.019	ug/L	97
33) Benzene	5.15	78	232553	5.151	ug/L	100
34) Trichloroethene	5.96	95	62270	5.219	ug/L	96
35) Methylcyclohexane	6.18	83	101705	5.034	ug/L	99
37) 1,2-Dichloropropane	6.23	63	59911	5.049	ug/L	99
38) Bromodichloromethane	6.56	83	68729	4.748	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	82876	5.196	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	359999	51.836	ug/L	99
42) Toluene	7.43	91	243479	5.176	ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	64198	4.941	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	39089	5.177	ug/L	97
47) Tetrachloroethene	8.02	164	44418	5.145	ug/L	96
48) 2-Hexanone	8.19	43	247828	52.870	ug/L	99
49) Dibromochloromethane	8.29	129	42812	4.985	ug/L	100
50) 1,2-Dibromoethane	8.40	107	36204	5.305	ug/L	96
51) Chlorobenzene	8.93	112	151791	5.230	ug/L	97
52) Ethylbenzene	9.06	91	269297	5.201	ug/L	100
53) m,p-xylene	9.18	106	99570	5.201	ug/L	98
54) o-xylene	9.59	106	97203	5.218	ug/L	97
55) Styrene	9.60	104	160378	5.334	ug/L	99
56) Isopropylbenzene	9.98	105	260764	5.213	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	47275	5.304	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	35211	5.232	ug/L	99
61) Bromoform	9.78	173	21392	4.993	ug/L	95
62) 1,3-Dichlorobenzene	11.23	146	111797	5.147	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	112291	5.246	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	108337	5.239	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	6989	5.281	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	81277	5.167	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	66007	5.207	ug/L	98
69) Naphthalene	13.56	128	109819	5.333	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	63314	5.414	ug/L	99

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

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