Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101918\
Data File : VV008363.D
Acq On : 19 Oct 2018 15:13
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00573

Quant Time: Oct 20 02:53:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 20 02:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	126897	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	114273	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49935	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	38852	5.42	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 108.40%			
7) Chloroethane-d5	1.58	69	29512	5.21	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.20%			
11) 1,1-Dichloroethene-d2	2.13	63	72266	5.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 105.00%			
20) 2-Butanone-d5	3.98	46	120226	49.98	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.96%			
24) Chloroform-d	4.40	84	91051	5.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 113.60%			
26) 1,2-Dichloroethane-d4	5.09	65	46590	5.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.60%			
32) Benzene-d6	5.10	84	183781	5.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.40%			
36) 1,2-Dichloropropane-d6	6.12	67	60599	5.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.80%			
41) Toluene-d8	7.36	98	170544	5.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.20%			
43) trans-1,3-Dichloropropene-	7.67	79	23478	5.13	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.60%			
46) 2-Hexanone-d5	8.14	63	85468	53.20	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.40%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35201	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	51973	5.48	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	54044	5.532	ug/L	99
3) Chloromethane	1.25	50	47850	4.798	ug/L	97
5) Vinyl chloride	1.32	62	47045	4.983	ug/L	97
6) Bromomethane	1.54	94	22913	4.241	ug/L	99
8) Chloroethane	1.60	64	25441	5.184	ug/L	99
9) Trichlorofluoromethane	1.77	101	60629	5.282	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	34854	5.320	ug/L	98
12) 1,1-Dichloroethene	2.14	96	31054	5.094	ug/L	92
13) Acetone	2.23	43	60985	46.860	ug/L	97
14) Carbon disulfide	2.32	76	103308	4.926	ug/L	100
15) Methyl Acetate	2.48	43	13890	4.290	ug/L	93
16) Methylene chloride	2.53	84	32641	4.626	ug/L	93
17) Methyl tert-butyl Ether	2.82	73	85969	4.964	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	33916	5.171	ug/L	92
19) 1,1-Dichloroethane	3.23	63	67826	5.005	ug/L	95
21) 2-Butanone	4.06	43	137067	50.722	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	53908	5.091	ug/L #	96

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 20 02:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.30	128	19643	5.003	ug/L		94
25) Chloroform	4.43	83	93133	5.608	ug/L		97
27) 1,2-Dichloroethane	5.19	62	57741	5.848	ug/L		96
29) 1,1,1-Trichloroethane	4.66	97	80200	5.636	ug/L		99
30) Cyclohexane	4.72	56	93405	5.222	ug/L		99
31) Carbon tetrachloride	4.87	117	66607	5.567	ug/L		98
33) Benzene	5.15	78	206172	5.354	ug/L		100
34) Trichloroethene	5.96	95	59388	5.565	ug/L		97
35) Methylcyclohexane	6.17	83	95359	5.299	ug/L		96
37) 1,2-Dichloropropane	6.23	63	54901	5.284	ug/L		99
38) Bromodichloromethane	6.56	83	64651	5.539	ug/L		99
39) cis-1,3-Dichloropropene	7.07	75	79442	5.359	ug/L		98
40) 4-Methyl-2-pentanone	7.29	43	322835	50.734	ug/L		99
42) Toluene	7.43	91	214865	5.353	ug/L		100
44) trans-1,3-Dichloropropene	7.70	75	62476	5.266	ug/L		99
45) 1,1,2-Trichloroethane	7.89	97	33544	5.201	ug/L		98
47) Tetrachloroethene	8.02	164	35758	5.348	ug/L		96
48) 2-Hexanone	8.19	43	243495	52.355	ug/L		99
49) Dibromochloromethane	8.29	129	37554	5.108	ug/L		98
50) 1,2-Dibromoethane	8.40	107	31216	5.163	ug/L	#	94
51) Chlorobenzene	8.93	112	131844	5.528	ug/L		98
52) Ethylbenzene	9.06	91	243810	5.524	ug/L		99
53) m,p-xylene	9.18	106	87991	5.512	ug/L		99
54) o-xylene	9.59	106	84045	5.284	ug/L		91
55) Styrene	9.60	104	140114	5.475	ug/L		95
56) Isopropylbenzene	9.98	105	233355	5.568	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.29	83	33215	4.526	ug/L		99
59) 1,2,3-Trichloropropane	10.32	75	30001	5.160	ug/L		98
61) Bromoform	9.78	173	17365	4.757	ug/L		100
62) 1,3-Dichlorobenzene	11.23	146	91980	5.442	ug/L		97
63) 1,4-Dichlorobenzene	11.32	146	90553	5.412	ug/L		99
65) 1,2-Dichlorobenzene	11.69	146	85660	5.287	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.48	75	5584	4.568	ug/L		86
67) 1,3,5-Trichlorobenzene	12.70	180	61673	5.640	ug/L		99
68) 1,2,4-trichlorobenzene	13.32	180	44792	5.754	ug/L		98
69) Naphthalene	13.56	128	72354	4.986	ug/L		99
70) 1,2,3-Trichlorobenzene	13.80	180	41363	5.352	ug/L		96

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

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