Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060519\
Data File : VV011240.D
Acq On : 05 Jun 2019 19:55
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00560

Quant Time: Jun 06 05:49:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 06 05:43:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	168909	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	159349	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71594	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	52493	4.10	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.00%			
7) Chloroethane-d5	1.58	69	43147	4.06	ug/L	0.02
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.20%			
11) 1,1-Dichloroethene-d2	2.13	63	116755	4.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.40%			
20) 2-Butanone-d5	3.97	46	157729	54.74	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.48%			
24) Chloroform-d	4.40	84	100234	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.00%			
26) 1,2-Dichloroethane-d4	5.08	65	58041	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
32) Benzene-d6	5.10	84	212897	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.40%			
36) 1,2-Dichloropropane-d6	6.12	67	65993	4.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.80%			
41) Toluene-d8	7.36	98	197245	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.20%			
43) trans-1,3-Dichloropropene-	7.66	79	24543	4.38	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.60%			
46) 2-Hexanone-d5	8.14	63	126160	53.35	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.70%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	51322	5.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	66621	4.71	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	81239	4.877	ug/L	99
3) Chloromethane	1.25	50	74829	4.646	ug/L	98
5) Vinyl chloride	1.32	62	74708	4.807	ug/L	98
6) Bromomethane	1.53	94	13670	1.691	ug/L	93
8) Chloroethane	1.60	64	43313	4.362	ug/L	99
9) Trichlorofluoromethane	1.76	101	108197	5.072	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	54238	4.954	ug/L	98
12) 1,1-Dichloroethene	2.14	96	51662	4.854	ug/L	99
13) Acetone	2.23	43	107761	55.778	ug/L	100
14) Carbon disulfide	2.31	76	155386	4.813	ug/L	100
15) Methyl Acetate	2.47	43	26537	5.172	ug/L	95
16) Methylene chloride	2.53	84	56325	5.137	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	150755	5.307	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	58816	4.936	ug/L	99
19) 1,1-Dichloroethane	3.23	63	114412	4.868	ug/L	99
21) 2-Butanone	4.05	43	172526	57.987	ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	64852	4.915	ug/L	99

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Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00560

Quant Time: Jun 06 05:49:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 06 05:43:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.30	128	24456	4.835	ug/L		95
25) Chloroform	4.43	83	128071	5.276	ug/L		99
27) 1,2-Dichloroethane	5.18	62	75173	5.068	ug/L		99
29) 1,1,1-Trichloroethane	4.66	97	97761	4.810	ug/L		100
30) Cyclohexane	4.72	56	103911	4.611	ug/L		97
31) Carbon tetrachloride	4.87	117	81853	4.819	ug/L		99
33) Benzene	5.14	78	243009	4.793	ug/L		100
34) Trichloroethene	5.96	95	64029	4.888	ug/L		98
35) Methylcyclohexane	6.17	83	101001	4.662	ug/L		98
37) 1,2-Dichloropropane	6.22	63	59643	4.726	ug/L		99
38) Bromodichloromethane	6.55	83	77137	4.944	ug/L		99
39) cis-1,3-Dichloropropene	7.07	75	91313	4.946	ug/L		99
40) 4-Methyl-2-pentanone	7.28	43	449456	55.927	ug/L		99
42) Toluene	7.43	91	273365	5.058	ug/L		99
44) trans-1,3-Dichloropropene	7.69	75	68100	4.851	ug/L		98
45) 1,1,2-Trichloroethane	7.88	97	41838	5.179	ug/L		96
47) Tetrachloroethene	8.02	164	45788	4.837	ug/L		97
48) 2-Hexanone	8.19	43	318922	56.901	ug/L		99
49) Dibromochloromethane	8.29	129	45453	4.953	ug/L		97
50) 1,2-Dibromoethane	8.40	107	38463	5.009	ug/L		92
51) Chlorobenzene	8.92	112	164568	4.993	ug/L		100
52) Ethylbenzene	9.05	91	300174	5.002	ug/L		97
53) m,p-xylene	9.18	106	111167	5.009	ug/L		98
54) o-xylene	9.59	106	111189	5.105	ug/L		99
55) Styrene	9.60	104	183772	5.180	ug/L		99
56) Isopropylbenzene	9.97	105	291062	4.965	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.29	83	51444	5.253	ug/L		98
59) 1,2,3-Trichloropropane	10.32	75	38783	5.269	ug/L		98
61) Bromoform	9.78	173	21851	5.081	ug/L		97
62) 1,3-Dichlorobenzene	11.23	146	120328	5.083	ug/L		100
63) 1,4-Dichlorobenzene	11.32	146	117697	5.121	ug/L		99
65) 1,2-Dichlorobenzene	11.69	146	113065	5.167	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.48	75	7911	5.045	ug/L	#	87
67) 1,3,5-Trichlorobenzene	12.69	180	85865	5.041	ug/L		99
68) 1,2,4-trichlorobenzene	13.31	180	68875	5.327	ug/L		98
69) Naphthalene	13.55	128	128408	6.067	ug/L		99
70) 1,2,3-Trichlorobenzene	13.79	180	65542	5.653	ug/L		97

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

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Instrument :
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