Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091918\
Data File : VV007642.D
Acq On : 19 Sep 2018 22:48
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VICV72

Quant Time: Sep 20 07:48:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 20 07:48:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	108373	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	101806	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56405	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	23430	5.26	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.20%			
7) Chloroethane-d5	1.58	69	22056	5.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.40%			
11) 1,1-Dichloroethene-d2	2.13	63	62256	5.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 105.40%			
20) 2-Butanone-d5	3.98	46	60496	53.24	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.48%			
24) Chloroform-d	4.41	84	56102	5.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.60%			
26) 1,2-Dichloroethane-d4	5.09	65	27880	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.20%			
32) Benzene-d6	5.10	84	102511	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%			
36) 1,2-Dichloropropane-d6	6.12	67	30797	5.17	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.40%			
41) Toluene-d8	7.36	98	108436	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.20%			
43) trans-1,3-Dichloropropene-	7.67	79	12583	5.25	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 105.00%			
46) 2-Hexanone-d5	8.14	63	46768	50.13	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.26%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	25456	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.20%			
64) 1,2-Dichlorobenzene-d4	11.68	152	48386	5.20	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	46914	5.382	ug/L	99
3) Chloromethane	1.25	50	36785	5.440	ug/L	100
5) Vinyl chloride	1.32	62	42811	5.435	ug/L	100
6) Bromomethane	1.54	94	31950	6.041	ug/L	99
8) Chloroethane	1.60	64	26896	5.247	ug/L	99
9) Trichlorofluoromethane	1.77	101	88409	5.368	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	43445	4.849	ug/L	98
12) 1,1-Dichloroethene	2.14	96	40697	5.153	ug/L	96
13) Acetone	2.23	43	56031	51.189	ug/L	98
14) Carbon disulfide	2.32	76	108194	5.141	ug/L	100
15) Methyl Acetate	2.48	43	13292	4.926	ug/L	96
16) Methylene chloride	2.54	84	40700	5.077	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	95765	5.182	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	45407	5.235	ug/L	98
19) 1,1-Dichloroethane	3.23	63	69760	5.927	ug/L	99
21) 2-Butanone	4.06	43	75272	54.518	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	39085	5.101	ug/L	97

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 20 07:48:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	18356	5.264 ug/L	95
25) Chloroform	4.43	83	65825	5.238 ug/L	100
27) 1,2-Dichloroethane	5.19	62	40082	5.277 ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	63377	5.243 ug/L	100
30) Cyclohexane	4.72	56	52468	5.087 ug/L	100
31) Carbon tetrachloride	4.87	117	57061	5.159 ug/L	97
33) Benzene	5.15	78	136632	5.054 ug/L	100
34) Trichloroethene	5.96	95	40528	5.095 ug/L	99
35) Methylcyclohexane	6.18	83	61598	5.017 ug/L	99
37) 1,2-Dichloropropane	6.23	63	31979	4.898 ug/L	99
38) Bromodichloromethane	6.56	83	44021	5.110 ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	49608	5.251 ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	188475	53.359 ug/L	99
42) Toluene	7.43	91	164285	5.336 ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	39628	5.169 ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	26068	5.187 ug/L	98
47) Tetrachloroethene	8.02	164	41469	5.306 ug/L	97
48) 2-Hexanone	8.19	43	134980	53.957 ug/L	98
49) Dibromochloromethane	8.29	129	33034	5.281 ug/L	98
50) 1,2-Dibromoethane	8.40	107	26003	5.458 ug/L	95
51) Chlorobenzene	8.93	112	112696	5.277 ug/L	98
52) Ethylbenzene	9.06	91	185009	5.315 ug/L	99
53) m,p-xylene	9.19	106	71475	5.224 ug/L	98
54) o-xylene	9.59	106	70345	5.224 ug/L	96
55) Styrene	9.61	104	119203	5.416 ug/L	98
56) Isopropylbenzene	9.98	105	193294	5.276 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	29656	5.171 ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	21083	5.269 ug/L	99
61) Bromoform	9.78	173	18612	5.117 ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	99497	5.313 ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	99772	5.299 ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	92435	5.247 ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	4470	5.579 ug/L	86
67) 1,3,5-Trichlorobenzene	12.70	180	87265	5.378 ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	72299	5.465 ug/L	99
69) Naphthalene	13.56	128	125014	6.325 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	66875	5.490 ug/L	96

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

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