Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112918\
Data File : VV008767.D
Acq On : 29 Nov 2018 16:35
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VICV68

Quant Time: Nov 30 04:59:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 30 04:55:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	200230	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	182230	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	89903	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	53033	3.83	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.60%			
7) Chloroethane-d5	1.59	69	39006	3.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.20%			
11) 1,1-Dichloroethene-d2	2.14	63	100189	4.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.20%			
20) 2-Butanone-d5	3.98	46	126740	40.85	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 81.70%			
24) Chloroform-d	4.41	84	112967	4.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.40%			
26) 1,2-Dichloroethane-d4	5.09	65	54153	4.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.40%			
32) Benzene-d6	5.10	84	233532	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.00%			
36) 1,2-Dichloropropane-d6	6.12	67	67458	4.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 80.60%			
41) Toluene-d8	7.36	98	219907	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.60%			
43) trans-1,3-Dichloropropene-	7.67	79	24392	4.35	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.00%			
46) 2-Hexanone-d5	8.14	63	103560	44.38	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.76%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45285	4.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.80%			
64) 1,2-Dichlorobenzene-d4	11.68	152	76839	4.15	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 83.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	88481	4.995	ug/L	99
3) Chloromethane	1.25	50	65168	4.912	ug/L	98
5) Vinyl chloride	1.32	62	65721	4.980	ug/L	97
6) Bromomethane	1.54	94	42544	5.139	ug/L	96
8) Chloroethane	1.60	64	36965	4.892	ug/L	100
9) Trichlorofluoromethane	1.77	101	100992	5.123	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	55740	4.942	ug/L	97
12) 1,1-Dichloroethene	2.14	96	49225	4.999	ug/L	87
13) Acetone	2.23	43	76152	49.248	ug/L	97
14) Carbon disulfide	2.32	76	150866	5.279	ug/L	99
15) Methyl Acetate	2.48	43	17915	4.329	ug/L	98
16) Methylene chloride	2.54	84	51767	4.662	ug/L	95
17) Methyl tert-butyl Ether	2.81	73	125579	5.179	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	54825	5.066	ug/L	97
19) 1,1-Dichloroethane	3.23	63	127405	5.297	ug/L	100
21) 2-Butanone	4.06	43	159038	51.308	ug/L	96
22) cis-1,2-Dichloroethene	3.97	96	77601	5.104	ug/L	96

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 30 04:55:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	32366	5.189	ug/L	95
25) Chloroform	4.43	83	131612	5.035	ug/L	97
27) 1,2-Dichloroethane	5.19	62	76707	5.107	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	112944	5.310	ug/L	99
30) Cyclohexane	4.72	56	116287	5.191	ug/L	99
31) Carbon tetrachloride	4.88	117	97868	5.316	ug/L	100
33) Benzene	5.15	78	285174	5.218	ug/L	100
34) Trichloroethene	5.96	95	80663	5.309	ug/L	99
35) Methylcyclohexane	6.18	83	127135	5.276	ug/L	100
37) 1,2-Dichloropropane	6.23	63	71165	5.238	ug/L	99
38) Bromodichloromethane	6.56	83	82362	5.310	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	98296	5.510	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	385775	54.871	ug/L	99
42) Toluene	7.43	91	302606	5.291	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	77737	5.528	ug/L	96
45) 1,1,2-Trichloroethane	7.89	97	48266	5.356	ug/L	99
47) Tetrachloroethene	8.02	164	62772	5.342	ug/L	98
48) 2-Hexanone	8.19	43	265263	53.744	ug/L	99
49) Dibromochloromethane	8.29	129	54777	5.582	ug/L	98
50) 1,2-Dibromoethane	8.40	107	44967	5.316	ug/L	95
51) Chlorobenzene	8.93	112	200823	5.333	ug/L	98
52) Ethylbenzene	9.06	91	334443	5.404	ug/L	100
53) m,p-xylene	9.18	106	129242	5.568	ug/L	98
54) o-xylene	9.59	106	121135	5.410	ug/L	98
55) Styrene	9.60	104	209093	5.616	ug/L	99
56) Isopropylbenzene	9.98	105	325333	5.334	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	53225	5.538	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	41175	5.282	ug/L	98
61) Bromoform	9.78	173	25615	5.255	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	154243	5.212	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	157293	5.373	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	142650	5.110	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	7332	5.333	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	115185	5.304	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	93783	5.854	ug/L	98
69) Naphthalene	13.55	128	146875	6.269	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	87574	5.859	ug/L	99

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

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