Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016305.D
Acq On : 29 May 2020 03:32
Operator : SY/MD
Sample : L2662-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 29 06:22:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 29 04:21:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	110546	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	102663	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	52521	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	27052	3.81	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.20%			
7) Chloroethane-d5	1.58	69	18168	2.91	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 58.20%#			
11) 1,1-Dichloroethene-d2	2.12	63	37458	2.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 56.20%#			
20) 2-Butanone-d5	3.99	46	54835m	31.14	ug/L	0.05
Spiked Amount 50.000	Range 40 - 130		Recovery = 62.28%			
24) Chloroform-d	4.38	84	55536	3.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.60%			
26) 1,2-Dichloroethane-d4	5.06	65	29908	4.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.00%			
32) Benzene-d6	5.07	84	115281	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
36) 1,2-Dichloropropane-d6	6.10	67	34119	4.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.80%			
41) Toluene-d8	7.34	98	105916	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.40%			
45) trans-1,3-Dichloropropene-	7.65	79	11306	3.86	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.20%			
48) 2-Hexanone-d5	8.12	63	58596	43.56	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.12%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	23206	3.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 79.80%			
65) 1,2-Dichlorobenzene-d4	11.65	152	39481	4.50	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	235381	24.313	ug/L	99
13) Acetone	2.26	43	68177	62.540	ug/L	56
18) trans-1,2-Dichloroethene	2.77	96	9373	1.314	ug/L	96
21) 2-Butanone	4.06	43	139486	71.928	ug/L	94
22) cis-1,2-Dichloroethene	3.93	96	532231	63.067	ug/L	93
27) 1,2-Dichloroethane	5.16	62	7958	0.849	ug/L #	95
33) Benzene	5.12	78	364789	12.348	ug/L	100
34) Trichloroethene	5.94	95	4426	0.575	ug/L	95
40) 4-Methyl-2-pentanone	7.27	43	10400	2.307	ug/L #	90
42) Toluene	7.41	91	457972	14.215	ug/L	99
50) 2-Hexanone	8.18	43	8439	2.684	ug/L	95
53) Chlorobenzene	8.91	112	4021	0.202	ug/L	98
54) Ethylbenzene	9.03	91	558371	15.548	ug/L	99
55) m,p-xylene	9.16	106	217044	16.118	ug/L	100
56) o-xylene	9.56	106	148843	11.599	ug/L	99
57) Styrene	9.58	104	23516	1.101	ug/L #	36
58) Isopropylbenzene	9.95	105	48208	1.371	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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