Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002257.D
Acq On : 12 May 2020 17:46
Operator : CG/JU
Sample : SSTD16079
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD16079

Manual Integrations APPROVED
mohammad
5/14/2020 8:59:57 AM

Quant Time: May 12 18:23:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP051220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 12 16:40:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	342204	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	1411602	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	741782	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1398151	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	707705	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	930388	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.82	99	4444926	170.28	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.97	67	2632836	190.48	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.35	113	3409323	158.93	ng/ul	0.02
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.53	131	2896557	112.44	ng/ul	0.01
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	14.50	143	1388901	129.42	ng/ul	0.04
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.40	200	1072882	139.19	ng/ul	0.02
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	6.76	77	1395734	91.00	ng/ul	99
6) Phenol	6.85	94	4399202	162.34	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.06	93	3541524	166.54	ng/ul	98
11) 2-Methylphenol	8.08	108	3337040	157.49	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	4873667	214.70	ng/ul	99
14) Acetophenone	8.45	105	4302322	136.01	ng/ul	93
16) 4-Methylphenol	8.42	108	3357149	148.32	ng/ul	99
30) 4-Chloroaniline	10.56	127	2850461	111.32	ng/ul	99
32) Caprolactam	11.37	113	1217097m	158.59	ng/ul	
38) Hexachlorocyclopentadiene	12.43	237	1812628	125.06	ng/ul	100
49) 3-Nitroaniline	14.17	138	1458004	133.97	ng/ul	95
51) 2,4-Dinitrophenol	14.39	184	974066	145.05	ng/ul	94
53) 4-Nitrophenol	14.52	109	1099052	141.80	ng/ul	91
61) 4-Nitroaniline	15.37	138	1447689	126.98	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.42	198	1083015	129.00	ng/ul	93
68) Atrazine	16.52	200	1901922	121.00	ng/ul	96
69) Pentachlorophenol	16.67	266	1368517	121.81	ng/ul	98
75) Carbazole	17.43	167	7198641	112.10	ng/ul	97
77) Fluoranthene	19.05	202	8481408	95.45	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.04	252	2556833	158.23	ng/ul	95
87) Di-n-octyl phthalate	21.93	149	8170923	148.90	ng/ul	100

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

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