Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010620\
Data File : BN009314.D
Acq On : 06 Jan 2020 16:52
Operator : JU
Sample : SSTD16051
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD160511

Manual Integrations APPROVED
mohammad
1/7/2020 12:30:12 PM

Quant Time: Jan 06 17:33:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM01-EPA-BN010620.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 06 16:00:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	244060	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	1100022	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	724792	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	1544124	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1278894	20.00	ng/ul	0.02
86) Perylene-d12	23.20	264	1157164	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.70	99	3715765	160.80	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.85	67	2340043	168.84	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.22	113	2958074	156.59	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	10.39	131	2807880	136.83	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	14.39	143	1705908	177.27	ng/ul	0.05
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.29	200	1711562	181.70	ng/ul	0.04
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	6.65	77	1385707m	92.756	ng/ul	
6) Phenol	6.73	94	3811129	159.712	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.94	93	2871554	155.301	ng/ul	96
11) 2-Methylphenol	7.95	108	2874538	162.017	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.03	45	6369106	299.082	ng/ul	98
14) Acetophenone	8.32	105	4378960	153.715	ng/ul	95
16) 4-Methylphenol	8.30	108	3053687	155.027	ng/ul	93
30) 4-Chloroaniline	10.42	127	2794088	134.905	ng/ul	99
32) Caprolactam	11.27	113	1016943m	162.751	ng/ul	
38) Hexachlorocyclopentadiene	12.28	237	2350492	266.248	ng/ul	97
49) 3-Nitroaniline	14.06	138	1574659	151.211	ng/ul	100
51) 2,4-Dinitrophenol	14.27	184	1342209	217.677	ng/ul	92
53) 4-Nitrophenol	14.40	109	1402207	182.734	ng/ul	93
61) 4-Nitroaniline	15.25	138	1844146m	160.383	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.30	198	1770422	175.969	ng/ul#	98
68) Atrazine	16.39	200	2674587	160.261	ng/ul	99
69) Pentachlorophenol	16.54	266	1907656	181.140	ng/ul	94
75) Carbazole	17.29	167	11339376	151.884	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.01	252	4070908	143.392	ng/ul	100
87) Di-n-octyl phthalate	21.87	149	13014422	208.158	ng/ul	100

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

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