Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061019\
Data File : BF114933.D
Acq On : 10 Jun 2019 14:41
Operator : HP/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC100

Manual Integrations APPROVED
mohammad
6/12/2019 9:14:01 AM

Quant Time: Jun 10 16:17:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:00:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	331003	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	1349594	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	662353	20.00	ng		0.00
64) Phenanthrene-d10	11.17	188	1277585	20.00	ng		0.00
76) Chrysene-d12	13.80	240	566895	20.00	ng		0.00
87) Perylene-d12	15.16	264	678317	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	3289899	170.78	ng		0.00
7) Phenol-d6	6.33	99	3956544	170.74	ng		0.02
23) Nitrobenzene-d5	7.25	82	3969272	184.49	ng		0.02
42) 2,4,6-Tribromophenol	10.49	330	1208800	171.30	ng		0.01
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
79) Terphenyl-d14	12.76	244	5226182	186.13	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	842690	91.994	ng		99
3) Pyridine	2.97	79	2542096	100.503	ng		99
4) n-Nitrosodimethylamine	2.95	42	942151	104.076	ng		97
6) Aniline	6.35	93	2718212	86.809	ng	#	82
8) 2-Chlorophenol	6.46	128	1875564	85.457	ng		97
10) Phenol	6.35	94	2195285	84.646	ng		95
11) bis(2-Chloroethyl)ether	6.42	93	1847666	89.738	ng		98
12) 1,3-Dichlorobenzene	6.61	146	2199625	86.268	ng		97
13) 1,4-Dichlorobenzene	6.69	146	2140694	83.584	ng		96
14) 1,2-Dichlorobenzene	6.85	146	1744652	74.590	ng		98
15) Benzyl Alcohol	6.83	79	1329423	79.176	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.96	45	2391613	84.133	ng		95
17) 2-Methylphenol	6.93	107	1707978	93.357	ng		98
18) Hexachloroethane	7.18	117	835845	88.758	ng		98
19) n-Nitroso-di-n-propylamine	7.12	70	1354499	93.877	ng		99
20) 3+4-Methylphenols	7.10	107	1638666	79.560	ng		94
22) Acetophenone	7.09	105	2669763	90.090	ng	#	97
24) Nitrobenzene	7.26	77	1988615	88.524	ng		95
25) Isophorone	7.51	82	4255378	101.765	ng		98
26) 2-Nitrophenol	7.57	139	1213594	98.076	ng		94
27) 2,4-Dimethylphenol	7.62	122	1704794	93.843	ng		99
28) bis(2-Chloroethoxy)methane	7.71	93	2438632	90.639	ng		99
29) 2,4-Dichlorophenol	7.82	162	1665245	87.176	ng		97
30) 1,2,4-Trichlorobenzene	7.89	180	1896285	86.489	ng		98
31) Naphthalene	7.97	128	4793870	78.165	ng		95
32) Benzoic acid	7.80	122	1537794	115.074	ng		99
33) 4-Chloroaniline	8.02	127	2615569	91.318	ng		97
34) Hexachlorobutadiene	8.09	225	1042551	84.503	ng		99
35) Caprolactam	8.45	113	585380m	90.764	ng		
36) 4-Chloro-3-methylphenol	8.52	107	1821554	94.482	ng		99
37) 2-Methylnaphthalene	8.66	142	3337876	80.071	ng		96
38) 1-Methylnaphthalene	8.76	142	3139834	79.634	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	1515790	80.715	ng		99
41) Hexachlorocyclopentadiene	8.82	237	1036128	97.687	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	8.95	196	1326550	93.949	ng		98
44) 2,4,5-Trichlorophenol	8.99	196	1322842	90.602	ng		98
46) 1,1'-Biphenyl	9.13	154	3662227	74.839	ng		96
47) 2-Chloronaphthalene	9.15	162	3349409	81.084	ng		95
48) 2-Nitroaniline	9.25	65	1196782	96.623	ng		98
49) Acenaphthylene	9.56	152	4630075	76.018	ng		96
50) Dimethylphthalate	9.45	163	4425242	91.171	ng		99
51) 2,6-Dinitrotoluene	9.50	165	1021644	91.294	ng		99
52) Acenaphthene	9.74	154	2900745	78.718	ng		99
53) 3-Nitroaniline	9.67	138	1269186	94.346	ng		98
54) 2,4-Dinitrophenol	9.77	184	650287	118.829	ng		97
55) Dibenzofuran	9.91	168	3779200	71.801	ng		95
56) 4-Nitrophenol	9.83	139	981337	103.821	ng		94
57) 2,4-Dinitrotoluene	9.90	165	1116398	78.088	ng	#	86
59) 2,3,4,6-Tetrachlorophenol	10.03	232	1043098	88.168	ng		97
60) Diethylphthalate	10.13	149	3921388	82.475	ng		98
62) 4-Nitroaniline	10.29	138	1340838	97.875	ng		99
63) Azobenzene	10.40	77	3410788	82.412	ng		96
65) 4,6-Dinitro-2-methylphenol	10.32	198	742047	106.579	ng		96
66) n-Nitrosodiphenylamine	10.36	169	3124463	84.026	ng		98
67) 4-Bromophenyl-phenylether	10.73	248	1178041	86.819	ng		97
68) Hexachlorobenzene	10.80	284	1302524	87.068	ng		95
69) Atrazine	10.90	200	1073185	85.510	ng		98
70) Pentachlorophenol	10.99	266	836338	100.725	ng		99
71) Phenanthrene	11.20	178	4772972	78.282	ng		97
72) Anthracene	11.25	178	4772490	76.880	ng		96
73) Carbazole	11.40	167	4609872	82.033	ng		96
74) Di-n-butylphthalate	11.75	149	5168010	73.937	ng	#	96
75) Fluoranthene	12.38	202	4885280	77.379	ng		98
77) Benzidine	12.50	184	1984114m	81.233	ng		
78) Pyrene	12.60	202	5068511	105.760	ng		96
80) Butylbenzylphthalate	13.23	149	2589790	109.814	ng		97
81) Benzo(a)anthracene	13.78	228	3928079	95.683	ng		98
82) 3,3'-Dichlorobenzidine	13.76	252	1530952	91.710	ng		98
83) Chrysene	13.83	228	3945643	95.321	ng		96
84) Bis(2-ethylhexyl)phthalate	13.79	149	2531901	90.307	ng	#	98
85) Di-n-octyl phthalate	14.40	149	4843062	95.606	ng		98
86) Indeno(1,2,3-cd)pyrene	16.49	276	4364593	114.726	ng		99
88) Benzo(b)fluoranthene	14.79	252	4223046	97.137	ng		100
89) Benzo(k)fluoranthene	14.82	252	3339976	90.616	ng		98
90) Benzo(a)pyrene	15.12	252	3526105	94.250	ng		98
91) Dibenzo(a,h)anthracene	16.51	278	3328875	106.548	ng		99
92) Benzo(g,h,i)perylene	16.89	276	3754007	121.479	ng		97

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

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