Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091020\
Data File : BF121553.D
Acq On : 10 Sep 2020 15:41
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
9/11/2020 11:48:25 AM

Quant Time: Sep 10 16:47:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 14:49:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	185433	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	653723	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	328896	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	593532	20.00	ng		0.00
76) Chrysene-d12	14.00	240	445756	20.00	ng		0.00
86) Perylene-d12	15.44	264	399472	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1792356	162.17	ng		0.00
7) Phenol-d6	6.48	99	2363140	153.00	ng		0.02
23) Nitrobenzene-d5	7.41	82	1971011	206.13	ng		0.01
42) 2,4,6-Tribromophenol	10.67	330	694092	208.94	ng		0.01
45) 2-Fluorobiphenyl	9.20	172	2973763	145.89	ng		0.00
79) Terphenyl-d14	12.94	244	3383693	159.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	452780	85.901	ng		99
3) Pyridine	3.36	79	1292418	90.041	ng		98
4) n-Nitrosodimethylamine	3.33	42	595258	93.819	ng		100
6) Aniline	6.51	93	1587511	86.625	ng		99
8) 2-Chlorophenol	6.63	128	903617	80.555	ng		98
10) Phenol	6.49	94	1217367	80.570	ng		82
11) bis(2-Chloroethyl)ether	6.58	93	985784	80.302	ng		98
12) 1,3-Dichlorobenzene	6.78	146	1021474	75.629	ng		100
13) 1,4-Dichlorobenzene	6.86	146	1011651	74.739	ng		98
14) 1,2-Dichlorobenzene	7.01	146	885578	70.264	ng		98
15) Benzyl Alcohol	6.99	79	782818	77.219	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1550664	85.266	ng		98
17) 2-Methylphenol	7.09	107	827299	84.765	ng		98
18) Hexachloroethane	7.35	117	380863	82.217	ng		95
19) n-Nitroso-di-n-propylamine	7.27	70	704412	81.609	ng		99
20) 3+4-Methylphenols	7.25	107	869855	73.649	ng		94
22) Acetophenone	7.26	105	1204161	74.735	ng	#	96
24) Nitrobenzene	7.43	77	1040440	108.550	ng		98
25) Isophorone	7.67	82	2021841	94.006	ng		99
26) 2-Nitrophenol	7.74	139	514779	158.861	ng		98
27) 2,4-Dimethylphenol	7.78	122	897900	100.658	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	1181910	80.814	ng		99
29) 2,4-Dichlorophenol	7.98	162	795538	90.324	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	812668	75.320	ng		99
31) Naphthalene	8.15	128	2485531	76.585	ng		98
32) Benzoic acid	7.95	122	713945	144.748	ng		99
33) 4-Chloroaniline	8.19	127	1111168	76.870	ng		98
34) Hexachlorobutadiene	8.26	225	480012	74.810	ng		99
35) Caprolactam	8.60	113	298788m	104.011	ng		
36) 4-Chloro-3-methylphenol	8.68	107	854245	91.989	ng		98
37) 2-Methylnaphthalene	8.83	142	1649418	76.707	ng		98
38) 1-Methylnaphthalene	8.93	142	1503161	74.032	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	778279	79.827	ng		100
41) Hexachlorocyclopentadiene	8.99	237	524379	127.901	ng		100

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43) 2,4,6-Trichlorophenol	9.11	196	581475	94.361	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	600528	98.552	ng		96
46) 1,1'-Biphenyl	9.30	154	1893552	76.296	ng		99
47) 2-Chloronaphthalene	9.32	162	1525652	74.788	ng		98
48) 2-Nitroaniline	9.42	65	564688	127.338	ng		92
49) Acenaphthylene	9.74	152	2300594	75.186	ng		98
50) Dimethylphthalate	9.61	163	1867492	82.661	ng		99
51) 2,6-Dinitrotoluene	9.66	165	434111	131.650	ng	#	86
52) Acenaphthene	9.91	154	1521951m	78.771	ng		
53) 3-Nitroaniline	9.83	138	502120	115.461	ng		99
54) 2,4-Dinitrophenol	9.93	184	244699	208.620	ng	#	89
55) Dibenzofuran	10.08	168	2038386	72.627	ng		99
56) 4-Nitrophenol	9.99	139	404211	114.410	ng		96
57) 2,4-Dinitrotoluene	10.07	165	536123	136.722	ng		92
58) Fluorene	10.43	166	1500982	70.943	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	491812	96.942	ng		98
60) Diethylphthalate	10.30	149	1739298	76.629	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	741442	69.942	ng		97
62) 4-Nitroaniline	10.46	138	490844	105.127	ng		99
63) Azobenzene	10.57	77	1859804	82.857	ng		99
65) 4,6-Dinitro-2-methylphenol	10.48	198	318674	207.120	ng		91
66) n-Nitrosodiphenylamine	10.54	169	1510677	80.475	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	535431	82.003	ng		98
68) Hexachlorobenzene	10.97	284	614889	80.532	ng		96
69) Atrazine	11.06	200	409487	75.216	ng		99
70) Pentachlorophenol	11.16	266	380330	109.033	ng		99
71) Phenanthrene	11.39	178	2346262	77.030	ng		99
72) Anthracene	11.44	178	2402640	80.202	ng		99
73) Carbazole	11.59	167	2226050	77.058	ng		99
74) Di-n-butylphthalate	11.92	149	2550578	79.477	ng		99
75) Fluoranthene	12.57	202	2541333	77.416	ng		99
77) Benzidine	12.69	184	985071	101.328	ng		99
78) Pyrene	12.80	202	2591295	81.398	ng		98
80) Butylbenzylphthalate	13.42	149	1115795	90.978	ng		97
81) Benzo(a)anthracene	13.99	228	2164893	79.559	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	846886	84.971	ng		99
83) Chrysene	14.03	228	2214990	81.362	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1344497	84.879	ng		99
85) Di-n-octyl phthalate	14.59	149	2455014	91.454	ng		100
87) Indeno(1,2,3-cd)pyrene	16.90	276	2147046	87.353	ng		100
88) Benzo(b)fluoranthene	15.03	252	2387258	91.869	ng		99
89) Benzo(k)fluoranthene	15.06	252	1795093	74.270	ng		98
90) Benzo(a)pyrene	15.39	252	1861520	79.667	ng		99
91) Dibenzo(a,h)anthracene	16.92	278	1752720	87.115	ng		99
92) Benzo(g,h,i)perylene	17.34	276	1795464	92.639	ng		99

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

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