Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
Data File : BF121270.D
Acq On : 13 Aug 2020 13:33
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Quant Time: Aug 13 14:10:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 13 13:23:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	63843	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	230639	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	119801	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	234411	20.00	ng		0.00
76) Chrysene-d12	13.87	240	197406	20.00	ng		0.00
86) Perylene-d12	15.29	264	216304	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	484416	117.19	ng		0.00
7) Phenol-d6	6.36	99	614411	115.35	ng		0.00
23) Nitrobenzene-d5	7.29	82	505615	119.51	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	179359	124.69	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	947969	112.41	ng		0.00
79) Terphenyl-d14	12.82	244	1129274	114.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	107168	60.268	ng		100
3) Pyridine	2.99	79	280780	60.348	ng		98
4) n-Nitrosodimethylamine	2.93	42	119056	62.070	ng		98
6) Aniline	6.39	93	368836	58.228	ng		98
8) 2-Chlorophenol	6.51	128	267915	58.669	ng		96
9) Benzaldehyde	6.27	77	147710	51.900	ng		99
10) Phenol	6.37	94	329637	57.101	ng		89
11) bis(2-Chloroethyl)ether	6.46	93	245293	58.323	ng		99
12) 1,3-Dichlorobenzene	6.66	146	281245	58.491	ng		99
13) 1,4-Dichlorobenzene	6.74	146	282061	57.693	ng		99
14) 1,2-Dichlorobenzene	6.89	146	264666	57.384	ng		98
15) Benzyl Alcohol	6.87	79	210414	58.404	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	355969	58.823	ng		98
17) 2-Methylphenol	6.99	107	209848	57.624	ng		99
18) Hexachloroethane	7.23	117	102956	59.131	ng		99
19) n-Nitroso-di-n-propylamine	7.14	70	166113	55.810	ng		99
20) 3+4-Methylphenols	7.14	107	253466	55.825	ng	#	73
22) Acetophenone	7.13	105	338145	58.259	ng	#	97
24) Nitrobenzene	7.31	77	277205	59.682	ng		97
25) Isophorone	7.55	82	507194	59.889	ng		98
26) 2-Nitrophenol	7.63	139	141392	63.094	ng		93
27) 2,4-Dimethylphenol	7.67	122	214437	60.165	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	283207	59.584	ng		99
29) 2,4-Dichlorophenol	7.87	162	223451	61.177	ng		96
30) 1,2,4-Trichlorobenzene	7.95	180	237828	59.950	ng		99
31) Naphthalene	8.03	128	753377	58.677	ng		100
32) Benzoic acid	7.79	122	131342	80.933	ng		97
33) 4-Chloroaniline	8.08	127	316665	60.086	ng		98
34) Hexachlorobutadiene	8.15	225	145093	60.186	ng		99
35) Caprolactam	8.45	113	69159	62.201	ng		97
36) 4-Chloro-3-methylphenol	8.57	107	224689	60.248	ng		99
37) 2-Methylnaphthalene	8.72	142	499040	58.733	ng		99
38) 1-Methylnaphthalene	8.82	142	472729	59.237	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	238134	60.492	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	83660	96.793	ng		98
43) 2,4,6-Trichlorophenol	9.00	196	156705	62.991	ng		98
44) 2,4,5-Trichlorophenol	9.04	196	170642	62.924	ng		96
46) 1,1'-Biphenyl	9.18	154	603563	59.616	ng		99
47) 2-Chloronaphthalene	9.21	162	467374	59.612	ng		98
48) 2-Nitroaniline	9.30	65	140841	62.148	ng		91
49) Acenaphthylene	9.62	152	738436	59.113	ng		100
50) Dimethylphthalate	9.49	163	531482	58.653	ng		99
51) 2,6-Dinitrotoluene	9.55	165	126359	62.170	ng		91
52) Acenaphthene	9.79	154	436969	59.148	ng		99
53) 3-Nitroaniline	9.72	138	143726	62.405	ng		97
54) 2,4-Dinitrophenol	9.83	184	56050	82.688	ng	#	84
55) Dibenzofuran	9.96	168	677696	57.894	ng		98
56) 4-Nitrophenol	9.88	139	97362	74.513	ng		96
57) 2,4-Dinitrotoluene	9.95	165	164167	62.395	ng		97
58) Fluorene	10.30	166	507468	57.050	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	138426	65.322	ng		97
60) Diethylphthalate	10.18	149	541060	58.962	ng		98
61) 4-Chlorophenyl-phenylether	10.30	204	249059	56.908	ng		98
62) 4-Nitroaniline	10.33	138	141896	61.242	ng		95
63) Azobenzene	10.46	77	536274	58.705	ng		98
65) 4,6-Dinitro-2-methylphenol	10.36	198	90079	72.537	ng		97
66) n-Nitrosodiphenylamine	10.42	169	473338	59.212	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	163080	60.098	ng		97
68) Hexachlorobenzene	10.85	284	183158	59.998	ng		97
69) Atrazine	10.95	200	141308	57.819	ng		98
70) Pentachlorophenol	11.05	266	81517	82.112	ng		98
71) Phenanthrene	11.26	178	763187	57.863	ng		99
72) Anthracene	11.32	178	779663	58.832	ng		100
73) Carbazole	11.47	167	759780	58.224	ng		99
74) Di-n-butylphthalate	11.80	149	880305	58.527	ng		100
75) Fluoranthene	12.45	202	856480	57.541	ng		98
77) Benzidine	12.57	184	298220	53.286	ng		99
78) Pyrene	12.68	202	888270	61.009	ng		99
80) Butylbenzylphthalate	13.30	149	386218	61.964	ng		99
81) Benzo(a)anthracene	13.87	228	755382	55.700	ng		99
82) 3,3'-Dichlorobenzidine	13.83	252	319253	59.579	ng		99
83) Chrysene	13.90	228	804203	60.028	ng		100
84) Bis(2-ethylhexyl)phthalate	13.86	149	488375	54.051	ng		99
85) Di-n-octyl phthalate	14.47	149	951043	59.384	ng		100
87) Indeno(1,2,3-cd)pyrene	16.67	276	942310	58.136	ng		100
88) Benzo(b)fluoranthene	14.89	252	866469	60.944	ng		99
89) Benzo(k)fluoranthene	14.92	252	763420	56.845	ng		99
90) Benzo(a)pyrene	15.23	252	768255	58.849	ng		98
91) Dibenzo(a,h)anthracene	16.69	278	801634	58.111	ng		100
92) Benzo(g,h,i)perylene	17.09	276	801810	58.416	ng		98

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

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