Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083120\
Data File : BF121473.D
Acq On : 31 Aug 2020 12:35
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 31 14:43:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 28 09:25:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	332225	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	1236357	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	638592	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	1222157	20.00	ng		0.00
76) Chrysene-d12	14.03	240	959947	20.00	ng		0.00
86) Perylene-d12	15.49	264	946287	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1485905	75.04	ng		0.00
7) Phenol-d6	6.49	99	2045828	73.93	ng		0.00
23) Nitrobenzene-d5	7.43	82	1654501	91.49	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	578580	89.70	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	2825985	71.40	ng		0.00
79) Terphenyl-d14	12.97	244	3233884	70.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	346734	36.717	ng		99
3) Pyridine	3.38	79	965374	37.539	ng		98
4) n-Nitrosodimethylamine	3.34	42	397995	35.012	ng		89
6) Aniline	6.53	93	1219369	37.138	ng		100
8) 2-Chlorophenol	6.65	128	796251	39.620	ng		100
9) Benzaldehyde	6.41	77	573207	43.457	ng		99
10) Phenol	6.50	94	1062974	39.267	ng		100
11) bis(2-Chloroethyl)ether	6.60	93	792708	36.042	ng		100
12) 1,3-Dichlorobenzene	6.80	146	888379	36.713	ng		99
13) 1,4-Dichlorobenzene	6.88	146	894006	36.865	ng		100
14) 1,2-Dichlorobenzene	7.03	146	831863	36.840	ng		100
15) Benzyl Alcohol	7.00	79	694792	38.253	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1174265	36.040	ng		99
17) 2-Methylphenol	7.11	107	644978	36.885	ng		100
18) Hexachloroethane	7.37	117	329972	39.758	ng		100
19) n-Nitroso-di-n-propylamine	7.28	70	565107	36.542	ng		97
20) 3+4-Methylphenols	7.27	107	792270	37.441	ng		98
22) Acetophenone	7.27	105	1073050	35.213	ng	#	99
24) Nitrobenzene	7.45	77	837017	46.174	ng		98
25) Isophorone	7.69	82	1466201	36.046	ng		99
26) 2-Nitrophenol	7.76	139	369424	48.597	ng		99
27) 2,4-Dimethylphenol	7.80	122	606462	35.948	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	1013829	36.654	ng		100
29) 2,4-Dichlorophenol	8.00	162	665499	39.952	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	739854	36.257	ng		99
31) Naphthalene	8.17	128	2216939	36.118	ng		100
32) Benzoic acid	7.92	122	512622	48.440	ng		98
33) 4-Chloroaniline	8.22	127	985492	36.048	ng		99
34) Hexachlorobutadiene	8.29	225	440130	36.269	ng		99
35) Caprolactam	8.59	113	228864	42.126	ng		97
36) 4-Chloro-3-methylphenol	8.69	107	673981	38.375	ng		99
37) 2-Methylnaphthalene	8.86	142	1478957	36.367	ng		100
38) 1-Methylnaphthalene	8.96	142	1413626	36.813	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	693350	36.627	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	318489	40.009	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	487013	40.704	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	507311	42.879	ng		97
46) 1,1'-Biphenyl	9.33	154	1769902	36.729	ng		98
47) 2-Chloronaphthalene	9.35	162	1448265	36.565	ng		99
48) 2-Nitroaniline	9.45	65	474343	43.406	ng		88
49) Acenaphthylene	9.76	152	2189651	36.856	ng		99
50) Dimethylphthalate	9.63	163	1652062	37.662	ng		100
51) 2,6-Dinitrotoluene	9.69	165	354462	43.769	ng		93
52) Acenaphthene	9.94	154	1399517	37.306	ng		100
53) 3-Nitroaniline	9.85	138	445038	43.114	ng	#	91
54) 2,4-Dinitrophenol	9.96	184	126070	49.790	ng	#	84
55) Dibenzofuran	10.11	168	2013904	36.956	ng		99
56) 4-Nitrophenol	10.00	139	329875	42.980	ng		94
57) 2,4-Dinitrotoluene	10.09	165	456890	45.578	ng		95
58) Fluorene	10.45	166	1495917	36.415	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	430909	43.746	ng		100
60) Diethylphthalate	10.32	149	1659551	37.657	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	764015	37.119	ng		94
62) 4-Nitroaniline	10.47	138	451730	42.696	ng		96
63) Azobenzene	10.60	77	1605890	36.848	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	166586	47.670	ng		98
66) n-Nitrosodiphenylamine	10.56	169	1396936	36.139	ng		100
67) 4-Bromophenyl-phenylether	10.93	248	492846	36.657	ng		98
68) Hexachlorobenzene	11.00	284	575287	36.591	ng		99
69) Atrazine	11.09	200	433288	38.651	ng		99
70) Pentachlorophenol	11.19	266	324265	45.146	ng		98
71) Phenanthrene	11.42	178	2242107	35.749	ng		100
72) Anthracene	11.46	178	2204696	35.740	ng		99
73) Carbazole	11.62	167	2183932	36.715	ng		100
74) Di-n-butylphthalate	11.95	149	2463707	37.283	ng		99
75) Fluoranthene	12.60	202	2455369	36.325	ng		100
77) Benzidine	12.72	184	867027	41.414	ng		100
78) Pyrene	12.83	202	2524663	36.826	ng		99
80) Butylbenzylphthalate	13.45	149	1102728	41.751	ng		99
81) Benzo(a)anthracene	14.02	228	2104504	35.913	ng		100
82) 3,3'-Dichlorobenzidine	13.98	252	856209	39.891	ng		100
83) Chrysene	14.06	228	2080952	35.495	ng		100
84) Bis(2-ethylhexyl)phthalate	14.01	149	1359429	39.852	ng		100
85) Di-n-octyl phthalate	14.62	149	2390049	41.343	ng		99
87) Indeno(1,2,3-cd)pyrene	16.96	276	1940237	33.324	ng		100
88) Benzo(b)fluoranthene	15.07	252	2155083	35.010	ng		98
89) Benzo(k)fluoranthene	15.10	252	2018340	35.252	ng		99
90) Benzo(a)pyrene	15.43	252	1914664	34.591	ng		99
91) Dibenzo(a,h)anthracene	16.98	278	1581652	33.186	ng		99
92) Benzo(g,h,i)perylene	17.40	276	1525689	33.231	ng		99

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

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