Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122220\
Data File : BF122832.D
Acq On : 23 Dec 2020 1:40
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Dec 23 02:15:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	201794	20.00	ng	0.00
21) Naphthalene-d8	8.110	136	734462	20.00	ng	0.00
39) Acenaphthene-d10	9.863	164	402836	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	737596	20.00	ng	0.00
76) Chrysene-d12	13.992	240	581396	20.00	ng	0.00
86) Perylene-d12	15.451	264	536781	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	992795	77.89	ng	0.00
7) Phenol-d6	6.463	99	1230284	72.78	ng	0.00
23) Nitrobenzene-d5	7.392	82	1014304	69.19	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	405446	76.89	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1882648	63.21	ng	0.00
79) Terphenyl-d14	12.933	244	2178115	65.58	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.569	88	221273	36.93	ng	98
3) Pyridine	3.310	79	594221	37.53	ng	98
4) n-Nitrosodimethylamine	3.275	42	231246	36.42	ng	99
6) Aniline	6.487	93	779081	39.15	ng	98
8) 2-Chlorophenol	6.610	128	519768	37.00	ng	98
9) Benzaldehyde	6.375	77	318202	31.10	ng	97
10) Phenol	6.475	94	629456	35.93	ng	93
11) bis(2-Chloroethyl)ether	6.563	93	500659	37.41	ng	98
12) 1,3-Dichlorobenzene	6.763	146	590255	35.51	ng	98
13) 1,4-Dichlorobenzene	6.839	146	590455	35.23	ng	99
14) 1,2-Dichlorobenzene	6.992	146	534203	33.02	ng	98
15) Benzyl Alcohol	6.969	79	407136	34.98	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	619776	32.48	ng	94
17) 2-Methylphenol	7.081	107	433246	38.79	ng	98
18) Hexachloroethane	7.334	117	211420	35.39	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	335431	34.64	ng	97
20) 3+4-Methylphenols	7.234	107	484103	34.31	ng	96
22) Acetophenone	7.239	105	660814	36.19	ng	98
24) Nitrobenzene	7.410	77	531698	36.46	ng	100
25) Isophorone	7.651	82	975811	38.65	ng	99
26) 2-Nitrophenol	7.722	139	299495	42.11	ng	95
27) 2,4-Dimethylphenol	7.763	122	450431	43.21	ng	100
28) bis(2-Chloroethoxy)met...	7.857	93	619471	35.83	ng	100
29) 2,4-Dichlorophenol	7.969	162	450454	37.00	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	490831	35.58	ng	99
31) Naphthalene	8.128	128	1480813	36.54	ng	99
32) Benzoic acid	7.910	122	278221	33.50	ng	96
33) 4-Chloroaniline	8.181	127	620169	36.60	ng	99
34) Hexachlorobutadiene	8.245	225	293320	34.55	ng	100
35) Caprolactam	8.569	113	137269	37.44	ng	96
36) 4-Chloro-3-methylphenol	8.669	107	464925	38.77	ng	99
37) 2-Methylnaphthalene	8.822	142	984802	36.73	ng	98
38) 1-Methylnaphthalene	8.922	142	941729	37.13	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	503477	37.73	ng	99
41) Hexachlorocyclopentadiene	8.975	237	193475	32.80	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	327664	35.56	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	356053	37.38	ng		97
46) 1,1'-Biphenyl	9.286	154	1216814	36.40	ng		99
47) 2-Chloronaphthalene	9.310	162	973644	35.15	ng		100
48) 2-Nitroaniline	9.410	65	285388	35.34	ng		100
49) Acenaphthylene	9.728	152	1491113	36.45	ng		100
50) Dimethylphthalate	9.586	163	1190408	37.00	ng		99
51) 2,6-Dinitrotoluene	9.651	165	265696	39.10	ng		95
52) Acenaphthene	9.898	154	880065	33.25	ng		98
53) 3-Nitroaniline	9.822	138	280296	35.70	ng		97
54) 2,4-Dinitrophenol	9.933	184	119102	35.85	ng	#	90
55) Dibenzofuran	10.069	168	1330649	35.74	ng		100
56) 4-Nitrophenol	9.986	139	193625	34.59	ng		94
57) 2,4-Dinitrotoluene	10.057	165	340554	37.63	ng		100
58) Fluorene	10.410	166	1034246	34.92	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	300845	35.95	ng		99
60) Diethylphthalate	10.286	149	1133887	36.24	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	504118	34.57	ng		95
62) 4-Nitroaniline	10.439	138	288583	36.21	ng		95
63) Azobenzene	10.563	77	1043071	36.26	ng		97
65) 4,6-Dinitro-2-methylph...	10.469	198	191582	42.60	ng		99
66) n-Nitrosodiphenylamine	10.522	169	959185	36.80	ng		100
67) 4-Bromophenyl-phenylether	10.892	248	353991	35.42	ng		94
68) Hexachlorobenzene	10.963	284	392587	35.53	ng		96
69) Atrazine	11.051	200	264077	31.20	ng		99
70) Pentachlorophenol	11.157	266	208115	35.55	ng		98
71) Phenanthrene	11.374	178	1552070	35.41	ng		100
72) Anthracene	11.427	178	1602407	36.86	ng		100
73) Carbazole	11.580	167	1427156	36.20	ng		100
74) Di-n-butylphthalate	11.910	149	1741165	35.15	ng		99
75) Fluoranthene	12.563	202	1624112	35.33	ng		100
77) Benzidine	12.680	184	569674	45.30	ng		99
78) Pyrene	12.792	202	1632278	36.31	ng		100
80) Butylbenzylphthalate	13.404	149	729730	36.04	ng		99
81) Benzo(a)anthracene	13.980	228	1422470	36.61	ng		99
82) 3,3'-Dichlorobenzidine	13.945	252	567365	40.77	ng		100
83) Chrysene	14.021	228	1384957	35.82	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	987391	35.61	ng		99
85) Di-n-octyl phthalate	14.574	149	1631431	35.47	ng		99
87) Indeno(1,2,3-cd)pyrene	16.909	276	1296887	36.81	ng		100
88) Benzo(b)fluoranthene	15.027	252	1456316	38.67	ng		99
89) Benzo(k)fluoranthene	15.057	252	1204249	34.97	ng		100
90) Benzo(a)pyrene	15.392	252	1178890	35.78	ng		99
91) Dibenzo(a,h)anthracene	16.921	278	1067835	37.03	ng		99
92) Benzo(g,h,i)perylene	17.345	276	1056150	37.84	ng		99

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

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