Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
Data File : BF123477.D
Acq On : 26 Mar 2021 9:48
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 26 12:53:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 26 12:51:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	189581	20.00	ng		0.00
21) Naphthalene-d8	8.186	136	645006	20.00	ng		# 0.00
39) Acenaphthene-d10	9.945	164	343683	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	621604	20.00	ng		0.00
76) Chrysene-d12	14.086	240	524345	20.00	ng		0.00
86) Perylene-d12	15.580	264	436942	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	909384	78.47	ng		0.00
7) Phenol-d6	6.528	99	1210271	78.45	ng		0.00
23) Nitrobenzene-d5	7.463	82	1022611	85.57	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	326329	84.93	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	1741840	72.40	ng		0.00
79) Terphenyl-d14	13.027	244	2046222	66.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	216444	38.84	ng	#	66
3) Pyridine	3.445	79	579332	39.53	ng	#	63
4) n-Nitrosodimethylamine	3.393	42	331408	37.79	ng	#	70
6) Aniline	6.563	93	726158	38.47	ng		92
8) 2-Chlorophenol	6.686	128	494726	38.72	ng		90
9) Benzaldehyde	6.451	77	287643	39.33	ng		98
10) Phenol	6.539	94	669834	42.30	ng		95
11) bis(2-Chloroethyl)ether	6.633	93	463974	36.75	ng	#	82
12) 1,3-Dichlorobenzene	6.845	146	527146	38.23	ng		98
13) 1,4-Dichlorobenzene	6.922	146	530263	38.45	ng		99
14) 1,2-Dichlorobenzene	7.075	146	496314	38.74	ng		98
15) Benzyl Alcohol	7.039	79	450256	37.28	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	954854	33.70	ng		88
17) 2-Methylphenol	7.151	107	394572	37.56	ng		99
18) Hexachloroethane	7.416	117	193574	37.47	ng		92
19) n-Nitroso-di-n-propyla...	7.316	70	348218	34.90	ng	#	81
20) 3+4-Methylphenols	7.304	107	494041	37.75	ng		89
22) Acetophenone	7.310	105	620126	38.30	ng	#	90
24) Nitrobenzene	7.480	77	547022	41.40	ng		92
25) Isophorone	7.722	82	932591	36.30	ng		98
26) 2-Nitrophenol	7.798	139	238726	50.55	ng	#	88
27) 2,4-Dimethylphenol	7.833	122	392854	37.40	ng		97
28) bis(2-Chloroethoxy)met...	7.933	93	501147	36.19	ng		99
29) 2,4-Dichlorophenol	8.039	162	407929	39.57	ng		98
30) 1,2,4-Trichlorobenzene	8.127	180	435508	38.73	ng		99
31) Naphthalene	8.210	128	1340395	38.65	ng		99
32) Benzoic acid	7.939	122	256169	41.34	ng		96
33) 4-Chloroaniline	8.251	127	564525	39.68	ng	#	92
34) Hexachlorobutadiene	8.327	225	261461	38.11	ng		98
35) Caprolactam	8.622	113	129201	41.68	ng	#	36
36) 4-Chloro-3-methylphenol	8.733	107	435694	40.27	ng		99
37) 2-Methylnaphthalene	8.904	142	902587	37.97	ng		100
38) 1-Methylnaphthalene	9.004	142	858089	38.45	ng		96
40) 1,2,4,5-Tetrachloroben...	9.069	216	396805	38.80	ng		99
41) Hexachlorocyclopentadiene	9.057	237	216592	37.93	ng		96
43) 2,4,6-Trichlorophenol	9.175	196	285534	39.88	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	306260	40.70	ng		97
46) 1,1'-Biphenyl	9.369	154	1009377	38.11	ng		97
47) 2-Chloronaphthalene	9.392	162	839290	38.84	ng		98
48) 2-Nitroaniline	9.480	65	315974	48.19	ng	#	69
49) Acenaphthylene	9.810	152	1321372	39.10	ng		99
50) Dimethylphthalate	9.663	163	917990	37.61	ng		99
51) 2,6-Dinitrotoluene	9.727	165	218097	42.77	ng		93
52) Acenaphthene	9.980	154	840336	39.83	ng		100
53) 3-Nitroaniline	9.892	138	245941	45.67	ng		85
54) 2,4-Dinitrophenol	9.998	184	108085	48.37	ng		97
55) Dibenzofuran	10.151	168	1161192	38.28	ng		99
56) 4-Nitrophenol	10.045	139	206122	47.46	ng	#	71
57) 2,4-Dinitrotoluene	10.127	165	291823	45.85	ng	#	89
58) Fluorene	10.498	166	898479	39.24	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.269	232	257683	41.95	ng		95
60) Diethylphthalate	10.369	149	874036	36.68	ng		100
61) 4-Chlorophenyl-phenyle...	10.486	204	418138	37.37	ng		98
62) 4-Nitroaniline	10.510	138	241067	47.24	ng		99
63) Azobenzene	10.645	77	952897	36.34	ng		91
65) 4,6-Dinitro-2-methylph...	10.539	198	157159	47.11	ng		90
66) n-Nitrosodiphenylamine	10.604	169	795706	38.20	ng		99
67) 4-Bromophenyl-phenylether	10.980	248	278629	37.84	ng		95
68) Hexachlorobenzene	11.045	284	314308	38.74	ng		98
69) Atrazine	11.133	200	260174	39.30	ng		98
70) Pentachlorophenol	11.239	266	198410	40.98	ng		97
71) Phenanthrene	11.463	178	1356739	39.48	ng		99
72) Anthracene	11.516	178	1376183	39.82	ng		98
73) Carbazole	11.663	167	1332932	40.82	ng		99
74) Di-n-butylphthalate	11.998	149	1318668	35.47	ng		99
75) Fluoranthene	12.651	202	1534285	41.24	ng		99
77) Benzidine	12.768	184	668962	42.83	ng		99
78) Pyrene	12.886	202	1597718	35.32	ng		99
80) Butylbenzylphthalate	13.504	149	600525	35.80	ng		99
81) Benzo(a)anthracene	14.074	228	1367112	39.83	ng		98
82) 3,3'-Dichlorobenzidine	14.039	252	468959	42.01	ng		98
83) Chrysene	14.115	228	1382562	39.02	ng		100
84) Bis(2-ethylhexyl)phtha...	14.068	149	744018	33.69	ng		97
85) Di-n-octyl phthalate	14.686	149	1312963	37.61	ng	#	90
87) Indeno(1,2,3-cd)pyrene	17.098	276	963341	35.48	ng		99
88) Benzo(b)fluoranthene	15.145	252	1191517	39.53	ng		98
89) Benzo(k)fluoranthene	15.174	252	1157167	40.61	ng		98
90) Benzo(a)pyrene	15.521	252	1023954	39.35	ng		99
91) Dibenzo(a,h)anthracene	17.121	278	809339	35.11	ng		99
92) Benzo(g,h,i)perylene	17.556	276	818390	35.47	ng		99

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

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