Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
Data File : BF126300.D
Acq On : 21 Dec 2021 16:56
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 22 05:20:59 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	163894	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	701466	20.000	ng	#	0.00
39) Acenaphthene-d10	9.857	164	333989	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	528543	20.000	ng	#	0.00
76) Chrysene-d12	13.980	240	266705	20.000	ng		0.01
86) Perylene-d12	15.421	264	250730	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	951160	85.465	ng		0.00
7) Phenol-d6	6.451	99	1227368	86.855	ng		0.00
23) Nitrobenzene-d5	7.386	82	1063978	82.148	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	224717	83.722	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	1392622	73.131	ng		0.00
79) Terphenyl-d14	12.927	244	1208236	78.741	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.546	88	239912	44.162	ng	#	100
3) Pyridine	3.275	79	644942	44.704	ng	#	77
4) n-Nitrosodimethylamine	3.228	42	237939	42.913	ng	#	1
6) Aniline	6.481	93	768270	42.801	ng		96
8) 2-Chlorophenol	6.604	128	490697	43.479	ng		90
9) Benzaldehyde	6.363	77	340333	39.911	ng		95
10) Phenol	6.463	94	680827	42.921	ng		93
11) bis(2-Chloroethyl)ether	6.557	93	529863	43.034	ng		98
12) 1,3-Dichlorobenzene	6.757	146	493346	43.334	ng		97
13) 1,4-Dichlorobenzene	6.839	146	494268	42.993	ng		97
14) 1,2-Dichlorobenzene	6.992	146	447999	42.146	ng		97
15) Benzyl Alcohol	6.963	79	411955	39.933	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.098	45	850433	42.207	ng		93
17) 2-Methylphenol	7.075	107	421487	42.631	ng		97
18) Hexachloroethane	7.333	117	194409	42.990	ng		95
19) n-Nitroso-di-n-propyla...	7.239	70	351101	40.472	ng	#	70
20) 3+4-Methylphenols	7.228	107	481442	41.190	ng	#	79
22) Acetophenone	7.233	105	639725	39.626	ng	#	96
24) Nitrobenzene	7.404	77	531813	41.131	ng		93
25) Isophorone	7.639	82	961476	39.311	ng	#	87
26) 2-Nitrophenol	7.716	139	254618	43.684	ng	#	81
27) 2,4-Dimethylphenol	7.757	122	396933	40.101	ng		99
28) bis(2-Chloroethoxy)met...	7.851	93	653131	40.616	ng	#	97
29) 2,4-Dichlorophenol	7.957	162	370697	42.131	ng		91
30) 1,2,4-Trichlorobenzene	8.045	180	373380	41.026	ng		98
31) Naphthalene	8.128	128	1348010	41.092	ng		98
32) Benzoic acid	7.880	122	297827	34.925	ng		89
33) 4-Chloroaniline	8.169	127	574398	41.935	ng		95
34) Hexachlorobutadiene	8.245	225	184337	41.240	ng		98
35) Caprolactam	8.539	113	94324	43.136	ng	#	85
36) 4-Chloro-3-methylphenol	8.651	107	435636	41.973	ng		90
37) 2-Methylnaphthalene	8.816	142	827212	40.947	ng		99
38) 1-Methylnaphthalene	8.916	142	786700	40.127	ng		96
40) 1,2,4,5-Tetrachloroben...	8.980	216	292992	40.646	ng	#	96
41) Hexachlorocyclopentadiene	8.969	237	149203	36.145	ng		96
43) 2,4,6-Trichlorophenol	9.092	196	221079	38.988	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.127	196	236571	40.287	ng	#	91
46) 1,1'-Biphenyl	9.280	154	979724	39.672	ng		96
47) 2-Chloronaphthalene	9.304	162	740569	39.857	ng		98
48) 2-Nitroaniline	9.398	65	278375	41.047	ng		91
49) Acenaphthylene	9.722	152	1127815	39.724	ng		98
50) Dimethylphthalate	9.580	163	846390	40.006	ng		98
51) 2,6-Dinitrotoluene	9.639	165	188362	41.134	ng	#	84
52) Acenaphthene	9.892	154	739433	40.160	ng		99
53) 3-Nitroaniline	9.810	138	233306	40.085	ng	#	80
54) 2,4-Dinitrophenol	9.910	184	85529	45.361	ng	#	80
55) Dibenzofuran	10.063	168	1007347	40.185	ng		99
56) 4-Nitrophenol	9.963	139	160074	38.075	ng	#	76
57) 2,4-Dinitrotoluene	10.039	165	247338	42.342	ng	#	90
58) Fluorene	10.404	166	692176	38.141	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	183211	42.079	ng	#	98
60) Diethylphthalate	10.280	149	843375	39.667	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	306547	37.516	ng		97
62) 4-Nitroaniline	10.422	138	207891	42.579	ng	#	72
63) Azobenzene	10.557	77	1018611	39.554	ng		85
65) 4,6-Dinitro-2-methylph...	10.451	198	127490	44.173	ng		89
66) n-Nitrosodiphenylamine	10.516	169	657231	38.746	ng		97
67) 4-Bromophenyl-phenylether	10.886	248	198225	39.961	ng		90
68) Hexachlorobenzene	10.951	284	228185	39.997	ng		91
69) Atrazine	11.039	200	131086	42.169	ng		96
70) Pentachlorophenol	11.145	266	123267	38.946	ng		92
71) Phenanthrene	11.369	178	1051960	38.562	ng		98
72) Anthracene	11.416	178	1084127	39.594	ng		99
73) Carbazole	11.569	167	1021930	39.631	ng		99
74) Di-n-butylphthalate	11.904	149	1294826	39.611	ng		99
75) Fluoranthene	12.551	202	981821	39.946	ng		90
77) Benzidine	12.668	184	165026	39.248	ng	#	95
78) Pyrene	12.780	202	986579	40.264	ng		97
80) Butylbenzylphthalate	13.404	149	478537	41.502	ng	#	86
81) Benzo(a)anthracene	13.968	228	617605	39.093	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	310328	42.997	ng		98
83) Chrysene	14.004	228	657090	40.032	ng		98
84) Bis(2-ethylhexyl)phtha...	13.962	149	534073	41.450	ng		99
85) Di-n-octyl phthalate	14.574	149	962977	41.925	ng		98
87) Indeno(1,2,3-cd)pyrene	16.856	276	730339	43.670	ng	#	92
88) Benzo(b)fluoranthene	15.004	252	634371	42.108	ng		97
89) Benzo(k)fluoranthene	15.033	252	589720	40.919	ng	#	93
90) Benzo(a)pyrene	15.362	252	547315	43.712	ng	#	95
91) Dibenzo(a,h)anthracene	16.880	278	605669	44.551	ng		94
92) Benzo(g,h,i)perylene	17.292	276	590832	42.004	ng		94

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

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