Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
Data File : BF125501.D
Acq On : 15 Sep 2021 12:48
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Sep 15 13:28:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 15 13:04:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	166981	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	603423	20.000	ng	#	0.00
39) Acenaphthene-d10	9.916	164	325748	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	589551	20.000	ng		0.00
76) Chrysene-d12	14.051	240	408013	20.000	ng	#	0.00
86) Perylene-d12	15.533	264	317987	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	919032	83.306	ng		0.00
7) Phenol-d6	6.516	99	1219306	85.458	ng		0.00
23) Nitrobenzene-d5	7.445	82	1124165	93.790	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	378161	116.297	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1927733	82.479	ng		0.00
79) Terphenyl-d14	12.992	244	2293319	89.543	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	239691	44.031	ng	#	100
3) Pyridine	3.422	79	638144	44.406	ng		89
4) n-Nitrosodimethylamine	3.393	42	317829	44.197	ng	#	39
6) Aniline	6.539	93	722082	43.084	ng	#	93
8) 2-Chlorophenol	6.663	128	486599	43.237	ng		82
9) Benzaldehyde	6.422	77	343702	34.325	ng		93
10) Phenol	6.528	94	658422	44.066	ng		74
11) bis(2-Chloroethyl)ether	6.610	93	508425	43.205	ng		84
12) 1,3-Dichlorobenzene	6.810	146	563741	43.227	ng		97
13) 1,4-Dichlorobenzene	6.886	146	568222	43.728	ng		97
14) 1,2-Dichlorobenzene	7.045	146	514803	42.109	ng		100
15) Benzyl Alcohol	7.016	79	457448	41.641	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.145	45	940862	39.868	ng		93
17) 2-Methylphenol	7.128	107	414015	43.793	ng	#	93
18) Hexachloroethane	7.380	117	206020	45.276	ng	#	86
19) n-Nitroso-di-n-propyla...	7.292	70	368984	42.995	ng	#	77
20) 3+4-Methylphenols	7.286	107	470766	39.669	ng	#	70
22) Acetophenone	7.286	105	656542	42.276	ng	#	86
24) Nitrobenzene	7.463	77	599477	45.900	ng		92
25) Isophorone	7.698	82	1090127	47.146	ng	#	90
26) 2-Nitrophenol	7.775	139	281529	53.984	ng	#	83
27) 2,4-Dimethylphenol	7.810	122	385844	42.262	ng		90
28) bis(2-Chloroethoxy)met...	7.904	93	585314	45.718	ng	#	97
29) 2,4-Dichlorophenol	8.016	162	443822	47.667	ng		95
30) 1,2,4-Trichlorobenzene	8.092	180	471421	46.431	ng		96
31) Naphthalene	8.180	128	1351522	43.734	ng		99
32) Benzoic acid	7.963	122	304830	49.193	ng	#	84
33) 4-Chloroaniline	8.227	127	571964	46.948	ng	#	89
34) Hexachlorobutadiene	8.292	225	308684	47.680	ng		100
35) Caprolactam	8.622	113	134979	55.970	ng	#	53
36) 4-Chloro-3-methylphenol	8.716	107	477426	50.228	ng		90
37) 2-Methylnaphthalene	8.869	142	934876	45.780	ng		98
38) 1-Methylnaphthalene	8.969	142	867422	45.487	ng		97
40) 1,2,4,5-Tetrachloroben...	9.033	216	470833	44.240	ng		97
41) Hexachlorocyclopentadiene	9.016	237	178078	31.848	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	334517	44.640	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	362595	45.992	ng		94
46) 1,1'-Biphenyl	9.333	154	1094291	41.668	ng		98
47) 2-Chloronaphthalene	9.363	162	901071	42.222	ng		97
48) 2-Nitroaniline	9.463	65	334784	50.606	ng		85
49) Acenaphthylene	9.780	152	1323494	42.558	ng		98
50) Dimethylphthalate	9.639	163	1068490	47.333	ng	#	97
51) 2,6-Dinitrotoluene	9.704	165	241211	49.278	ng	#	84
52) Acenaphthene	9.951	154	797241	41.353	ng		98
53) 3-Nitroaniline	9.874	138	266224	50.434	ng	#	74
54) 2,4-Dinitrophenol	9.980	184	140437	72.634	ng	#	81
55) Dibenzofuran	10.121	168	1184665	42.698	ng		98
56) 4-Nitrophenol	10.045	139	199835	47.806	ng	#	83
57) 2,4-Dinitrotoluene	10.110	165	307382	51.886	ng	#	89
58) Fluorene	10.463	166	951552	46.389	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	289606	49.499	ng	#	85
60) Diethylphthalate	10.333	149	1014728	46.109	ng		98
61) 4-Chlorophenyl-phenyle...	10.451	204	476525	45.947	ng		89
62) 4-Nitroaniline	10.498	138	271542	57.206	ng	#	85
63) Azobenzene	10.616	77	1079391	43.727	ng		92
65) 4,6-Dinitro-2-methylph...	10.521	198	207042	66.354	ng		90
66) n-Nitrosodiphenylamine	10.574	169	913423	43.270	ng		96
67) 4-Bromophenyl-phenylether	10.945	248	336338	47.509	ng		91
68) Hexachlorobenzene	11.010	284	357130	49.037	ng	#	88
69) Atrazine	11.104	200	263516	43.502	ng		91
70) Pentachlorophenol	11.210	266	194605	45.763	ng		92
71) Phenanthrene	11.427	178	1422146	43.779	ng		97
72) Anthracene	11.480	178	1423247	44.451	ng		98
73) Carbazole	11.639	167	1327065	45.355	ng		99
74) Di-n-butylphthalate	11.957	149	1529371	44.047	ng		100
75) Fluoranthene	12.621	202	1519672	47.147	ng		97
77) Benzidine	12.739	184	502152	35.239	ng		98
78) Pyrene	12.851	202	1555306	44.438	ng		96
80) Butylbenzylphthalate	13.462	149	634403	46.130	ng		94
81) Benzo(a)anthracene	14.039	228	1340628	45.603	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	402900	44.213	ng	#	98
83) Chrysene	14.080	228	1281443	44.077	ng		97
84) Bis(2-ethylhexyl)phtha...	14.015	149	829235	43.871	ng	#	99
85) Di-n-octyl phthalate	14.633	149	1325711	42.170	ng		98
87) Indeno(1,2,3-cd)pyrene	17.039	276	1001011	43.696	ng	#	89
88) Benzo(b)fluoranthene	15.104	252	1153413	49.649	ng	#	94
89) Benzo(k)fluoranthene	15.133	252	1007733	46.485	ng	#	98
90) Benzo(a)pyrene	15.474	252	944791	46.040	ng	#	96
91) Dibenzo(a,h)anthracene	17.056	278	847620	42.805	ng	#	93
92) Benzo(g,h,i)perylene	17.497	276	869371	45.533	ng	#	87

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

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