Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082021\
Data File : BF125126.D
Acq On : 20 Aug 2021 10:13
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 20 10:55:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 18 17:03:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	152278	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	541047	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	269069	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	453995	20.000	ng	0.00
76) Chrysene-d12	14.086	240	299742	20.000	ng	0.00
86) Perylene-d12	15.586	264	292028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	711371	70.708	ng	0.00
7) Phenol-d6	6.539	99	909799	69.922	ng	0.00
23) Nitrobenzene-d5	7.486	82	806777	75.070	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	220715	82.175	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1369621	70.944	ng	0.00
79) Terphenyl-d14	13.033	244	1411571	75.023	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	176280	35.509	ng	# 100
3) Pyridine	3.487	79	465778	35.541	ng	89
4) n-Nitrosodimethylamine	3.440	42	230773	35.190	ng	# 39
6) Aniline	6.586	93	548962	35.917	ng	96
8) 2-Chlorophenol	6.704	128	367052	35.764	ng	# 80
9) Benzaldehyde	6.475	77	302290	33.104	ng	95
10) Phenol	6.557	94	472148	34.650	ng	98
11) bis(2-Chloroethyl)ether	6.657	93	379329	35.347	ng	87
12) 1,3-Dichlorobenzene	6.863	146	427105	35.912	ng	97
13) 1,4-Dichlorobenzene	6.939	146	428477	36.157	ng	97
14) 1,2-Dichlorobenzene	7.092	146	397005	35.609	ng	98
15) Benzyl Alcohol	7.057	79	353447	35.280	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.198	45	762707	35.439	ng	98
17) 2-Methylphenol	7.163	107	306837	35.590	ng	95
18) Hexachloroethane	7.433	117	155069	37.369	ng	94
19) n-Nitroso-di-n-propyla...	7.333	70	275306	35.177	ng	# 82
20) 3+4-Methylphenols	7.316	107	383142	35.403	ng	# 87
22) Acetophenone	7.328	105	489955	35.187	ng	93
24) Nitrobenzene	7.504	77	435124	37.157	ng	89
25) Isophorone	7.739	82	759693	36.643	ng	# 88
26) 2-Nitrophenol	7.816	139	188173	40.243	ng	# 80
27) 2,4-Dimethylphenol	7.851	122	286896	35.047	ng	89
28) bis(2-Chloroethoxy)met...	7.951	93	417019	36.328	ng	97
29) 2,4-Dichlorophenol	8.057	162	313687	37.574	ng	96
30) 1,2,4-Trichlorobenzene	8.145	180	339141	37.253	ng	95
31) Naphthalene	8.227	128	991733	35.791	ng	99
32) Benzoic acid	7.945	122	213160	38.365	ng	# 83
33) 4-Chloroaniline	8.269	127	404906	37.067	ng	# 90
34) Hexachlorobutadiene	8.345	225	220399	37.968	ng	98
35) Caprolactam	8.639	113	84313	38.991	ng	# 62
36) 4-Chloro-3-methylphenol	8.745	107	322936	37.891	ng	93
37) 2-Methylnaphthalene	8.916	142	670173	36.601	ng	99
38) 1-Methylnaphthalene	9.016	142	628124	36.736	ng	97
40) 1,2,4,5-Tetrachloroben...	9.080	216	326236	37.110	ng	97
41) Hexachlorocyclopentadiene	9.069	237	165428	35.818	ng	99
43) 2,4,6-Trichlorophenol	9.192	196	231175	37.347	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.227	196	249415	38.300	ng		93
46) 1,1'-Biphenyl	9.380	154	780979	36.002	ng		98
47) 2-Chloronaphthalene	9.404	162	643529	36.506	ng		97
48) 2-Nitroaniline	9.498	65	212752	38.934	ng	#	84
49) Acenaphthylene	9.821	152	937796	36.508	ng		98
50) Dimethylphthalate	9.680	163	701025	37.596	ng	#	98
51) 2,6-Dinitrotoluene	9.739	165	158424	39.183	ng	#	85
52) Acenaphthene	9.998	154	591615	37.151	ng		98
53) 3-Nitroaniline	9.910	138	167075	38.318	ng	#	80
54) 2,4-Dinitrophenol	10.010	184	65787	41.193	ng	#	87
55) Dibenzofuran	10.169	168	825309	36.012	ng		98
56) 4-Nitrophenol	10.051	139	133207	38.579	ng	#	73
57) 2,4-Dinitrotoluene	10.139	165	199438	40.756	ng	#	97
58) Fluorene	10.510	166	621269	36.667	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.280	232	185525	38.389	ng	#	88
60) Diethylphthalate	10.374	149	700676	38.545	ng		99
61) 4-Chlorophenyl-phenyle...	10.498	204	322799	37.681	ng		89
62) 4-Nitroaniline	10.521	138	154565	39.422	ng	#	81
63) Azobenzene	10.663	77	747712	36.671	ng		92
65) 4,6-Dinitro-2-methylph...	10.545	198	96792	40.283	ng		98
66) n-Nitrosodiphenylamine	10.616	169	608219	37.415	ng		96
67) 4-Bromophenyl-phenylether	10.992	248	211983	38.884	ng		92
68) Hexachlorobenzene	11.057	284	219409	39.122	ng	#	83
69) Atrazine	11.139	200	184278	39.505	ng		91
70) Pentachlorophenol	11.245	266	131230	40.074	ng		93
71) Phenanthrene	11.474	178	909805	36.370	ng		98
72) Anthracene	11.521	178	924399	37.491	ng		99
73) Carbazole	11.674	167	837950	37.190	ng		99
74) Di-n-butylphthalate	12.004	149	1053269	39.392	ng		100
75) Fluoranthene	12.662	202	941657	37.937	ng		98
77) Benzidine	12.780	184	413847	39.533	ng		96
78) Pyrene	12.892	202	956453	37.199	ng		97
80) Butylbenzylphthalate	13.504	149	406023	40.188	ng		88
81) Benzo(a)anthracene	14.080	228	798084	36.954	ng		99
82) 3,3'-Dichlorobenzidine	14.039	252	252602	37.733	ng	#	98
83) Chrysene	14.115	228	780298	36.534	ng		98
84) Bis(2-ethylhexyl)phtha...	14.062	149	561834	40.461	ng		99
85) Di-n-octyl phthalate	14.680	149	932082	40.359	ng		99
87) Indeno(1,2,3-cd)pyrene	17.097	276	849006	40.355	ng	#	91
88) Benzo(b)fluoranthene	15.145	252	762620	35.745	ng	#	95
89) Benzo(k)fluoranthene	15.174	252	748292	37.586	ng		100
90) Benzo(a)pyrene	15.521	252	704015	37.356	ng	#	96
91) Dibenzo(a,h)anthracene	17.121	278	722701	39.740	ng	#	95
92) Benzo(g,h,i)perylene	17.562	276	726704	41.444	ng	#	88

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

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