Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081821\
Data File : BF125085.D
Acq On : 18 Aug 2021 12:58
Operator : JU/CG
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Quant Time: Aug 18 15:51:08 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 15:07:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	114523	20.000	ng		0.00
21) Naphthalene-d8	8.204	136	433892	20.000	ng	#	0.00
39) Acenaphthene-d10	9.957	164	214582	20.000	ng		0.00
64) Phenanthrene-d10	11.445	188	354257	20.000	ng		0.00
76) Chrysene-d12	14.080	240	229117	20.000	ng		0.00
86) Perylene-d12	15.580	264	203609	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	186871	24.377	ng		-0.01
7) Phenol-d6	6.528	99	244390	25.919	ng		-0.01
23) Nitrobenzene-d5	7.475	82	200830	25.609	ng		-0.01
42) 2,4,6-Tribromophenol	10.739	330	49231	24.574	ng		-0.01
45) 2-Fluorobiphenyl	9.274	172	391550	24.321	ng		0.00
79) Terphenyl-d14	13.027	244	354951	22.307	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	43603	11.205	ng	#	100
3) Pyridine	3.475	79	115126	10.900	ng		91
4) n-Nitrosodimethylamine	3.416	42	56758	10.021	ng	#	46
6) Aniline	6.575	93	138069	11.596	ng		95
8) 2-Chlorophenol	6.698	128	96373	12.558	ng		83
9) Benzaldehyde	6.469	77	85024	11.921	ng		91
10) Phenol	6.539	94	130397	12.370	ng		97
11) bis(2-Chloroethyl)ether	6.645	93	99434	12.382	ng		85
12) 1,3-Dichlorobenzene	6.863	146	111750	13.663	ng		96
13) 1,4-Dichlorobenzene	6.939	146	110812	13.524	ng		99
14) 1,2-Dichlorobenzene	7.092	146	107462	13.622	ng		97
15) Benzyl Alcohol	7.051	79	92722	12.056	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.192	45	195453	10.907	ng		98
17) 2-Methylphenol	7.157	107	80460	11.691	ng		98
18) Hexachloroethane	7.433	117	37016	11.990	ng		92
19) n-Nitroso-di-n-propyla...	7.322	70	74038	12.096	ng	#	81
20) 3+4-Methylphenols	7.310	107	104674	11.924	ng	#	85
22) Acetophenone	7.322	105	138197	12.284	ng	#	95
24) Nitrobenzene	7.492	77	107705	12.158	ng	#	84
25) Isophorone	7.733	82	195804	11.470	ng	#	88
26) 2-Nitrophenol	7.816	139	38702	11.915	ng	#	81
27) 2,4-Dimethylphenol	7.845	122	78875	12.016	ng		91
28) bis(2-Chloroethoxy)met...	7.945	93	108882	11.921	ng	#	96
29) 2,4-Dichlorophenol	8.051	162	78795	12.926	ng		96
30) 1,2,4-Trichlorobenzene	8.139	180	86873	13.492	ng		94
31) Naphthalene	8.222	128	271074	12.442	ng		99
32) Benzoic acid	7.898	122	43865	10.025	ng	#	74
33) 4-Chloroaniline	8.269	127	105020	11.906	ng	#	93
34) Hexachlorobutadiene	8.339	225	54740	14.958	ng		98
35) Caprolactam	8.598	113	19138	9.671	ng	#	46
36) 4-Chloro-3-methylphenol	8.733	107	82091	11.525	ng		89
37) 2-Methylnaphthalene	8.916	142	181725	12.745	ng		99
38) 1-Methylnaphthalene	9.016	142	165834	12.297	ng		95
40) 1,2,4,5-Tetrachloroben...	9.080	216	83025	13.727	ng		98
41) Hexachlorocyclopentadiene	9.069	237	41209	13.706	ng		95
43) 2,4,6-Trichlorophenol	9.186	196	57980	13.316	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	59806	12.908	ng		93
46) 1,1'-Biphenyl	9.374	154	211530	11.764	ng		94
47) 2-Chloronaphthalene	9.404	162	168483	12.248	ng		96
48) 2-Nitroaniline	9.492	65	47118	10.634	ng	#	80
49) Acenaphthylene	9.816	152	247966	11.142	ng		99
50) Dimethylphthalate	9.669	163	177862	12.041	ng		99
51) 2,6-Dinitrotoluene	9.733	165	36405	12.440	ng		92
52) Acenaphthene	9.992	154	153380	11.346	ng		98
53) 3-Nitroaniline	9.898	138	40000	10.962	ng	#	74
54) 2,4-Dinitrophenol	10.004	184	9521	8.043	ng		100
55) Dibenzofuran	10.163	168	223502	11.292	ng		97
56) 4-Nitrophenol	10.039	139	30308	10.278	ng	#	71
57) 2,4-Dinitrotoluene	10.133	165	42814	12.285	ng	#	94
58) Fluorene	10.504	166	167403	11.625	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.274	232	44551	13.285	ng	#	89
60) Diethylphthalate	10.374	149	174358	11.062	ng		97
61) 4-Chlorophenyl-phenyle...	10.498	204	83800	12.843	ng	#	86
62) 4-Nitroaniline	10.504	138	34590	10.466	ng	#	79
63) Azobenzene	10.657	77	194236	10.851	ng		91
65) 4,6-Dinitro-2-methylph...	10.539	198	15848	10.258	ng		88
66) n-Nitrosodiphenylamine	10.610	169	153080	12.113	ng		98
67) 4-Bromophenyl-phenylether	10.986	248	49707	13.315	ng		96
68) Hexachlorobenzene	11.051	284	51530	12.562	ng	#	89
69) Atrazine	11.133	200	43096	12.946	ng		92
70) Pentachlorophenol	11.239	266	28133	11.724	ng		92
71) Phenanthrene	11.468	178	237254	12.497	ng		97
72) Anthracene	11.521	178	232518	12.296	ng		99
73) Carbazole	11.668	167	211069	10.782	ng		97
74) Di-n-butylphthalate	12.004	149	249892	11.347	ng		99
75) Fluoranthene	12.657	202	228719	12.106	ng		97
77) Benzidine	12.774	184	82063	8.331	ng		99
78) Pyrene	12.886	202	234001	10.197	ng		98
80) Butylbenzylphthalate	13.504	149	85683	9.275	ng		92
81) Benzo(a)anthracene	14.074	228	192645	13.230	ng		98
82) 3,3'-Dichlorobenzidine	14.033	252	57279	11.717	ng		100
83) Chrysene	14.109	228	188938	12.783	ng		99
84) Bis(2-ethylhexyl)phtha...	14.062	149	125624	11.455	ng		100
85) Di-n-octyl phthalate	14.680	149	194685	12.260	ng		99
87) Indeno(1,2,3-cd)pyrene	17.080	276	157996	22.397	ng		95
88) Benzo(b)fluoranthene	15.133	252	176588	12.780	ng	#	96
89) Benzo(k)fluoranthene	15.162	252	160975	12.307	ng		99
90) Benzo(a)pyrene	15.509	252	149029	12.869	ng		95
91) Dibenzo(a,h)anthracene	17.103	278	137663	20.559	ng		96
92) Benzo(g,h,i)perylene	17.539	276	129328	20.155	ng	#	91

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

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