Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125446.D
Acq On : 13 Sep 2021 16:14
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 13 17:56:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 13 12:03:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	173350	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	652621	20.000	ng	#	0.00
39) Acenaphthene-d10	9.934	164	353516	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	648406	20.000	ng		0.00
76) Chrysene-d12	14.069	240	404899	20.000	ng	#	0.00
86) Perylene-d12	15.563	264	332229	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	826821	72.194	ng		0.00
7) Phenol-d6	6.534	99	1092539	73.760	ng		0.00
23) Nitrobenzene-d5	7.457	82	1015990	78.375	ng		0.00
42) 2,4,6-Tribromophenol	10.728	330	333818	94.596	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1750847	69.027	ng		0.00
79) Terphenyl-d14	13.010	244	2013669	79.229	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	208128	36.828	ng	#	100
3) Pyridine	3.452	79	557270	37.353	ng	#	91
4) n-Nitrosodimethylamine	3.416	42	267344	35.811	ng	#	42
6) Aniline	6.557	93	631288	36.283	ng	#	94
8) 2-Chlorophenol	6.681	128	437708	37.464	ng		83
9) Benzaldehyde	6.445	77	414607	39.885	ng		94
10) Phenol	6.545	94	593811	38.282	ng		75
11) bis(2-Chloroethyl)ether	6.628	93	455224	37.263	ng		87
12) 1,3-Dichlorobenzene	6.828	146	511406	37.773	ng		96
13) 1,4-Dichlorobenzene	6.904	146	501231	37.155	ng		97
14) 1,2-Dichlorobenzene	7.057	146	468760	36.934	ng		97
15) Benzyl Alcohol	7.034	79	408216	35.794	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.163	45	824240	33.643	ng		92
17) 2-Methylphenol	7.145	107	374979	38.207	ng	#	94
18) Hexachloroethane	7.398	117	181195	38.357	ng	#	87
19) n-Nitroso-di-n-propyla...	7.304	70	326035	36.595	ng	#	77
20) 3+4-Methylphenols	7.298	107	436544	35.434	ng	#	67
22) Acetophenone	7.298	105	590292	35.145	ng	#	85
24) Nitrobenzene	7.475	77	534452	37.837	ng	#	87
25) Isophorone	7.716	82	950057	37.991	ng	#	91
26) 2-Nitrophenol	7.787	139	253030	44.862	ng	#	80
27) 2,4-Dimethylphenol	7.828	122	351468	35.595	ng		90
28) bis(2-Chloroethoxy)met...	7.916	93	524536	37.882	ng	#	95
29) 2,4-Dichlorophenol	8.034	162	400371	39.759	ng		94
30) 1,2,4-Trichlorobenzene	8.110	180	423802	38.594	ng		96
31) Naphthalene	8.192	128	1198147	35.848	ng		99
32) Benzoic acid	7.969	122	272699	40.690	ng		86
33) 4-Chloroaniline	8.245	127	508020	38.556	ng	#	90
34) Hexachlorobutadiene	8.304	225	276900	39.546	ng		99
35) Caprolactam	8.628	113	122559	46.989	ng	#	41
36) 4-Chloro-3-methylphenol	8.734	107	421487	41.000	ng		91
37) 2-Methylnaphthalene	8.887	142	842350	38.139	ng		98
38) 1-Methylnaphthalene	8.986	142	788402	38.226	ng		96
40) 1,2,4,5-Tetrachloroben...	9.051	216	428003	37.057	ng		97
41) Hexachlorocyclopentadiene	9.034	237	232895	38.380	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	300565	36.958	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	328967	38.449	ng		93
46) 1,1'-Biphenyl	9.351	154	976765	34.272	ng		98
47) 2-Chloronaphthalene	9.375	162	819565	35.386	ng		99
48) 2-Nitroaniline	9.475	65	301697	42.023	ng	#	81
49) Acenaphthylene	9.792	152	1209895	35.849	ng		98
50) Dimethylphthalate	9.651	163	955938	39.020	ng	#	97
51) 2,6-Dinitrotoluene	9.716	165	218726	41.175	ng	#	79
52) Acenaphthene	9.969	154	730497	34.915	ng		98
53) 3-Nitroaniline	9.892	138	235330	41.080	ng	#	79
54) 2,4-Dinitrophenol	9.998	184	120635	57.492	ng	#	83
55) Dibenzofuran	10.139	168	1095323	36.377	ng		97
56) 4-Nitrophenol	10.057	139	170448	37.573	ng	#	77
57) 2,4-Dinitrotoluene	10.122	165	291493	45.339	ng	#	96
58) Fluorene	10.481	166	859427	38.607	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	249611	39.312	ng	#	85
60) Diethylphthalate	10.351	149	917897	38.433	ng		98
61) 4-Chlorophenyl-phenyle...	10.469	204	440313	39.120	ng		89
62) 4-Nitroaniline	10.510	138	239117	46.418	ng	#	84
63) Azobenzene	10.633	77	958724	35.788	ng		92
65) 4,6-Dinitro-2-methylph...	10.533	198	180613	52.630	ng		92
66) n-Nitrosodiphenylamine	10.592	169	829669	35.735	ng		95
67) 4-Bromophenyl-phenylether	10.963	248	300985	38.656	ng		89
68) Hexachlorobenzene	11.028	284	322710	40.289	ng	#	87
69) Atrazine	11.122	200	250101	37.540	ng		89
70) Pentachlorophenol	11.228	266	168623	36.054	ng		92
71) Phenanthrene	11.445	178	1275639	35.705	ng		97
72) Anthracene	11.498	178	1277064	36.265	ng		98
73) Carbazole	11.657	167	1189435	36.961	ng		99
74) Di-n-butylphthalate	11.975	149	1400949	36.686	ng		100
75) Fluoranthene	12.639	202	1338205	37.749	ng		97
77) Benzidine	12.757	184	491157	34.733	ng		98
78) Pyrene	12.869	202	1354347	38.994	ng		96
80) Butylbenzylphthalate	13.480	149	540877	39.632	ng		93
81) Benzo(a)anthracene	14.057	228	1110871	38.078	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	336107	37.167	ng	#	97
83) Chrysene	14.098	228	1065879	36.944	ng		98
84) Bis(2-ethylhexyl)phtha...	14.033	149	677480	36.118	ng		99
85) Di-n-octyl phthalate	14.651	149	1021397	32.740	ng		98
87) Indeno(1,2,3-cd)pyrene	17.074	276	965587	40.343	ng	#	89
88) Benzo(b)fluoranthene	15.121	252	963004	39.676	ng	#	94
89) Benzo(k)fluoranthene	15.151	252	854206	37.714	ng		99
90) Benzo(a)pyrene	15.498	252	831256	38.771	ng	#	94
91) Dibenzo(a,h)anthracene	17.092	278	832812	40.254	ng	#	94
92) Benzo(g,h,i)perylene	17.539	276	836191	41.918	ng	#	87

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

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