Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080621\
Data File : BF124955.D
Acq On : 6 Aug 2021 9:47
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 06 11:21:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 04 17:59:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	7511	20.000	ng		-0.01
21) Naphthalene-d8	8.116	136	27160	20.000	ng		0.00
39) Acenaphthene-d10	9.869	164	14398	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	26017	20.000	ng		-0.01
76) Chrysene-d12	13.992	240	18824	20.000	ng		#-0.01
86) Perylene-d12	15.445	264	15101	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	34534	75.317	ng		0.00
7) Phenol-d6	6.463	99	45483	78.669	ng		0.00
23) Nitrobenzene-d5	7.398	82	41398	79.736	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	10590	82.328	ng		-0.01
45) 2-Fluorobiphenyl	9.192	172	81372	82.697	ng		0.00
79) Terphenyl-d14	12.939	244	89885	80.546	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	6551	38.190	ng	#	100
3) Pyridine	3.340	79	16173	40.575	ng	#	91
4) n-Nitrosodimethylamine	3.293	42	10928	38.607	ng		99
6) Aniline	6.492	93	24611	40.299	ng		97
8) 2-Chlorophenol	6.616	128	19536	38.842	ng		92
9) Benzaldehyde	6.381	77	10861	34.529	ng		95
10) Phenol	6.475	94	23137	38.785	ng		98
11) bis(2-Chloroethyl)ether	6.569	93	17284	38.622	ng		97
12) 1,3-Dichlorobenzene	6.769	146	21220	38.763	ng		97
13) 1,4-Dichlorobenzene	6.845	146	20845	38.091	ng		94
14) 1,2-Dichlorobenzene	7.004	146	20654	40.272	ng		99
15) Benzyl Alcohol	6.975	79	16127	38.670	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	26835	37.427	ng		95
17) 2-Methylphenol	7.080	107	14851	39.447	ng		97
18) Hexachloroethane	7.339	117	8497	39.658	ng		96
19) n-Nitroso-di-n-propyla...	7.245	70	12899	37.601	ng	#	96
20) 3+4-Methylphenols	7.239	107	18621	37.259	ng	#	84
22) Acetophenone	7.245	105	26493	39.829	ng		97
24) Nitrobenzene	7.416	77	19954	39.719	ng		95
25) Isophorone	7.657	82	35138	39.654	ng	#	92
26) 2-Nitrophenol	7.728	139	9836	38.556	ng	#	82
27) 2,4-Dimethylphenol	7.763	122	14205	39.280	ng		86
28) bis(2-Chloroethoxy)met...	7.863	93	19556	38.776	ng		99
29) 2,4-Dichlorophenol	7.969	162	16062	39.865	ng		93
30) 1,2,4-Trichlorobenzene	8.051	180	17614	39.010	ng		99
31) Naphthalene	8.133	128	57625	41.296	ng		97
32) Benzoic acid	7.898	122	6378	32.585	ng	#	81
33) 4-Chloroaniline	8.186	127	21238	40.841	ng		96
34) Hexachlorobutadiene	8.251	225	11144	41.329	ng		99
35) Caprolactam	8.563	113	4380	40.937	ng		99
36) 4-Chloro-3-methylphenol	8.663	107	17136	40.658	ng		91
37) 2-Methylnaphthalene	8.827	142	37880	40.374	ng		97
38) 1-Methylnaphthalene	8.927	142	34907	39.762	ng		94
40) 1,2,4,5-Tetrachloroben...	8.992	216	16847	40.765	ng		99
41) Hexachlorocyclopentadiene	8.974	237	5670	39.015	ng		98
43) 2,4,6-Trichlorophenol	9.104	196	11615	42.219	ng		97

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44) 2,4,5-Trichlorophenol	9.145	196	11794	42.350	ng		96
46) 1,1'-Biphenyl	9.292	154	45229	42.155	ng		99
47) 2-Chloronaphthalene	9.316	162	34897	40.882	ng		96
48) 2-Nitroaniline	9.410	65	10240	40.838	ng		94
49) Acenaphthylene	9.733	152	54421	41.971	ng		99
50) Dimethylphthalate	9.592	163	41099	42.123	ng		97
51) 2,6-Dinitrotoluene	9.657	165	9038	41.599	ng		95
52) Acenaphthene	9.904	154	33081	42.084	ng		95
53) 3-Nitroaniline	9.827	138	9672	42.266	ng		93
54) 2,4-Dinitrophenol	9.933	184	3670	36.479	ng	#	73
55) Dibenzofuran	10.074	168	50720	41.287	ng		99
56) 4-Nitrophenol	9.980	139	6141	40.711	ng	#	78
57) 2,4-Dinitrotoluene	10.057	165	11901	40.346	ng		97
58) Fluorene	10.416	166	39995	42.459	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.192	232	9024	43.187	ng	#	89
60) Diethylphthalate	10.286	149	41981	41.927	ng		98
61) 4-Chlorophenyl-phenyle...	10.410	204	18704	42.048	ng		91
62) 4-Nitroaniline	10.439	138	9281	41.774	ng		97
63) Azobenzene	10.569	77	40206	41.062	ng		96
65) 4,6-Dinitro-2-methylph...	10.469	198	6619	40.610	ng		89
66) n-Nitrosodiphenylamine	10.527	169	33094	39.246	ng		94
67) 4-Bromophenyl-phenylether	10.898	248	11649	40.879	ng		95
68) Hexachlorobenzene	10.963	284	12301	39.678	ng	#	89
69) Atrazine	11.051	200	10718	42.299	ng		94
70) Pentachlorophenol	11.157	266	5153	37.177	ng		95
71) Phenanthrene	11.380	178	57625	40.831	ng		99
72) Anthracene	11.433	178	59216	41.825	ng		99
73) Carbazole	11.586	167	53244	41.008	ng		98
74) Di-n-butylphthalate	11.910	149	66929	40.560	ng		99
75) Fluoranthene	12.562	202	60396	41.366	ng		99
77) Benzidine	12.686	184	20106	39.919	ng		98
78) Pyrene	12.792	202	60557	40.842	ng		98
80) Butylbenzylphthalate	13.410	149	26725	40.502	ng		98
81) Benzo(a)anthracene	13.980	228	50816	41.425	ng		97
82) 3,3'-Dichlorobenzidine	13.945	252	13550	41.898	ng		98
83) Chrysene	14.021	228	49795	41.991	ng		99
84) Bis(2-ethylhexyl)phtha...	13.962	149	37090	40.521	ng		97
85) Di-n-octyl phthalate	14.574	149	57896	40.092	ng		99
87) Indeno(1,2,3-cd)pyrene	16.903	276	32656	36.314	ng		93
88) Benzo(b)fluoranthene	15.021	252	42459	40.043	ng		97
89) Benzo(k)fluoranthene	15.051	252	37476	38.853	ng		98
90) Benzo(a)pyrene	15.386	252	34350	38.043	ng		99
91) Dibenzo(a,h)anthracene	16.915	278	28597	36.168	ng		98
92) Benzo(g,h,i)perylene	17.339	276	26267	34.633	ng		94

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

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