Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041422\
Data File : BF127791.D
Acq On : 14 Apr 2022 11:13
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Apr 15 05:05:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 16:40:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	159912	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	560565	20.000	ng	#	0.00
39) Acenaphthene-d10	10.004	164	313114	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	561538	20.000	ng		0.00
76) Chrysene-d12	14.139	240	367479	20.000	ng		0.00
86) Perylene-d12	15.656	264	304149	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	794271	80.708	ng		0.00
7) Phenol-d6	6.586	99	1030282	80.025	ng		0.00
23) Nitrobenzene-d5	7.528	82	1022052	81.283	ng		0.00
42) 2,4,6-Tribromophenol	10.798	330	293867	88.195	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1691224	76.410	ng		0.00
79) Terphenyl-d14	13.080	244	1768404	79.431	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.834	88	185996	39.846	ng	#	83
3) Pyridine	3.598	79	491205	39.953	ng		84
4) n-Nitrosodimethylamine	3.575	42	230591	34.875	ng	#	90
6) Aniline	6.628	93	618088	40.253	ng		94
8) 2-Chlorophenol	6.745	128	411408	41.211	ng		96
9) Benzaldehyde	6.516	77	266977	41.514	ng		91
10) Phenol	6.598	94	521694	40.525	ng		99
11) bis(2-Chloroethyl)ether	6.698	93	426928	40.157	ng		89
12) 1,3-Dichlorobenzene	6.898	146	465517	40.810	ng		99
13) 1,4-Dichlorobenzene	6.981	146	466816	40.484	ng		100
14) 1,2-Dichlorobenzene	7.133	146	432323	39.223	ng		99
15) Benzyl Alcohol	7.098	79	418795	37.209	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.228	45	629573	37.516	ng		96
17) 2-Methylphenol	7.204	107	349147	40.207	ng		99
18) Hexachloroethane	7.475	117	178144	40.487	ng		95
19) n-Nitroso-di-n-propyla...	7.375	70	312406	37.517	ng		93
20) 3+4-Methylphenols	7.357	107	436102	39.409	ng	#	62
22) Acetophenone	7.369	105	570356	37.864	ng	#	84
24) Nitrobenzene	7.545	77	486035	39.875	ng		99
25) Isophorone	7.780	82	840798	38.321	ng		99
26) 2-Nitrophenol	7.857	139	216994	49.538	ng		95
27) 2,4-Dimethylphenol	7.886	122	333573	38.895	ng		92
28) bis(2-Chloroethoxy)met...	7.986	93	529997	39.176	ng		99
29) 2,4-Dichlorophenol	8.098	162	374737	40.562	ng		95
30) 1,2,4-Trichlorobenzene	8.180	180	425211	39.991	ng		98
31) Naphthalene	8.269	128	1153805	39.280	ng		99
32) Benzoic acid	8.010	122	267637	43.014	ng		96
33) 4-Chloroaniline	8.310	127	470383	40.661	ng		98
34) Hexachlorobutadiene	8.375	225	289008	39.514	ng		99
35) Caprolactam	8.692	113	110537	40.482	ng	#	73
36) 4-Chloro-3-methylphenol	8.786	107	385508	39.801	ng		99
37) 2-Methylnaphthalene	8.957	142	773988	39.397	ng		99
38) 1-Methylnaphthalene	9.057	142	744370	39.255	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	426299	41.510	ng		99
41) Hexachlorocyclopentadiene	9.104	237	250667	40.520	ng		96
43) 2,4,6-Trichlorophenol	9.233	196	283883	40.716	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	298908	42.485	ng		98
46) 1,1'-Biphenyl	9.422	154	953039	39.799	ng		99
47) 2-Chloronaphthalene	9.451	162	758199	39.843	ng		99
48) 2-Nitroaniline	9.545	65	263788	44.632	ng		87
49) Acenaphthylene	9.869	152	1149081	39.698	ng		99
50) Dimethylphthalate	9.722	163	906358	39.934	ng		99
51) 2,6-Dinitrotoluene	9.786	165	193747	45.288	ng	#	87
52) Acenaphthene	10.039	154	739007	40.524	ng		97
53) 3-Nitroaniline	9.957	138	201089	44.493	ng		98
54) 2,4-Dinitrophenol	10.057	184	108705	53.173	ng		99
55) Dibenzofuran	10.210	168	1064183	39.990	ng		97
56) 4-Nitrophenol	10.110	139	158547	44.662	ng	#	83
57) 2,4-Dinitrotoluene	10.186	165	255749	48.218	ng	#	89
58) Fluorene	10.557	166	798025	40.587	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	259022	42.251	ng		99
60) Diethylphthalate	10.421	149	853814	39.313	ng		100
61) 4-Chlorophenyl-phenyle...	10.545	204	434982	40.263	ng		98
62) 4-Nitroaniline	10.574	138	196380	46.136	ng		94
63) Azobenzene	10.704	77	919907	37.905	ng		97
65) 4,6-Dinitro-2-methylph...	10.598	198	152757	56.321	ng	#	81
66) n-Nitrosodiphenylamine	10.663	169	698989	39.524	ng		98
67) 4-Bromophenyl-phenylether	11.033	248	282775	41.493	ng		93
68) Hexachlorobenzene	11.098	284	308123	41.360	ng		97
69) Atrazine	11.186	200	234390	39.890	ng		97
70) Pentachlorophenol	11.292	266	184825	41.539	ng		98
71) Phenanthrene	11.521	178	1178417	39.608	ng		99
72) Anthracene	11.574	178	1167707	39.677	ng		99
73) Carbazole	11.727	167	1092495	39.617	ng		99
74) Di-n-butylphthalate	12.051	149	1273555	38.633	ng		99
75) Fluoranthene	12.710	202	1274007	39.241	ng		98
77) Benzidine	12.827	184	328378	34.237	ng		99
78) Pyrene	12.945	202	1282467	41.329	ng		99
80) Butylbenzylphthalate	13.551	149	483543	41.851	ng		96
81) Benzo(a)anthracene	14.127	228	1021495	41.620	ng		99
82) 3,3'-Dichlorobenzidine	14.092	252	305664	39.948	ng		96
83) Chrysene	14.168	228	937789	39.805	ng		99
84) Bis(2-ethylhexyl)phtha...	14.109	149	629349	38.644	ng		98
85) Di-n-octyl phthalate	14.727	149	927354	38.944	ng	#	92
87) Indeno(1,2,3-cd)pyrene	17.221	276	861121	45.315	ng		99
88) Benzo(b)fluoranthene	15.209	252	784883	40.115	ng		98
89) Benzo(k)fluoranthene	15.239	252	779981	40.194	ng		99
90) Benzo(a)pyrene	15.598	252	653145	41.071	ng		99
91) Dibenzo(a,h)anthracene	17.239	278	709776	46.099	ng		98
92) Benzo(g,h,i)perylene	17.697	276	718432	45.515	ng		98

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

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