Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041322\
Data File : BF127776.D
Acq On : 13 Apr 2022 10:35
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Apr 13 16:47:49 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	6.963	152	192210	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	666438	20.000	ng	#	0.00
39) Acenaphthene-d10	10.004	164	376638	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	662073	20.000	ng		0.00
76) Chrysene-d12	14.145	240	419214	20.000	ng		0.00
86) Perylene-d12	15.663	264	344226	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	853151	72.124	ng		0.00
7) Phenol-d6	6.587	99	1123539	72.604	ng		0.00
23) Nitrobenzene-d5	7.528	82	1133679	75.837	ng		0.00
42) 2,4,6-Tribromophenol	10.798	330	321346	80.176	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1843973	69.260	ng		0.00
79) Terphenyl-d14	13.080	244	1893503	74.554	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.840	88	197715	35.239	ng		84
3) Pyridine	3.605	79	522929	35.386	ng	#	83
4) n-Nitrosodimethylamine	3.581	42	257118	32.353	ng		92
6) Aniline	6.628	93	684318	37.077	ng		93
8) 2-Chlorophenol	6.745	128	443051	36.923	ng		96
9) Benzaldehyde	6.516	77	298340	37.930	ng		96
10) Phenol	6.598	94	567335	36.665	ng		100
11) bis(2-Chloroethyl)ether	6.698	93	464394	36.341	ng		90
12) 1,3-Dichlorobenzene	6.904	146	500483	36.503	ng		96
13) 1,4-Dichlorobenzene	6.981	146	505293	36.457	ng		99
14) 1,2-Dichlorobenzene	7.134	146	468331	35.350	ng		98
15) Benzyl Alcohol	7.098	79	468558	34.635	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.228	45	680531	33.738	ng		96
17) 2-Methylphenol	7.204	107	384738	36.860	ng		98
18) Hexachloroethane	7.475	117	188542	35.650	ng		96
19) n-Nitroso-di-n-propyla...	7.375	70	352052	35.174	ng		94
20) 3+4-Methylphenols	7.363	107	474800	35.696	ng	#	73
22) Acetophenone	7.375	105	630782	35.223	ng	#	82
24) Nitrobenzene	7.545	77	534053	36.854	ng		98
25) Isophorone	7.787	82	935482	35.863	ng		97
26) 2-Nitrophenol	7.857	139	237350	45.577	ng		96
27) 2,4-Dimethylphenol	7.887	122	371415	36.428	ng		91
28) bis(2-Chloroethoxy)met...	7.987	93	580850	36.114	ng		99
29) 2,4-Dichlorophenol	8.098	162	410840	37.405	ng		96
30) 1,2,4-Trichlorobenzene	8.181	180	468726	37.080	ng		98
31) Naphthalene	8.269	128	1273356	36.463	ng		99
32) Benzoic acid	8.016	122	293847	39.723	ng		93
33) 4-Chloroaniline	8.310	127	521286	37.903	ng		99
34) Hexachlorobutadiene	8.375	225	316077	36.350	ng		100
35) Caprolactam	8.698	113	125525	38.668	ng	#	73
36) 4-Chloro-3-methylphenol	8.792	107	426719	37.057	ng		97
37) 2-Methylnaphthalene	8.957	142	858758	36.767	ng		99
38) 1-Methylnaphthalene	9.057	142	828199	36.737	ng		98
40) 1,2,4,5-Tetrachloroben...	9.122	216	458704	37.132	ng		98
41) Hexachlorocyclopentadiene	9.104	237	280384	37.679	ng		97
43) 2,4,6-Trichlorophenol	9.234	196	317503	37.857	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	328359	38.800	ng		93
46) 1,1'-Biphenyl	9.422	154	1053101	36.560	ng		99
47) 2-Chloronaphthalene	9.451	162	843615	36.854	ng		99
48) 2-Nitroaniline	9.545	65	294063	41.363	ng		92
49) Acenaphthylene	9.869	152	1278389	36.717	ng		99
50) Dimethylphthalate	9.722	163	1018370	37.302	ng		99
51) 2,6-Dinitrotoluene	9.786	165	212806	41.353	ng		96
52) Acenaphthene	10.039	154	820590	37.409	ng		98
53) 3-Nitroaniline	9.963	138	224444	41.285	ng		94
54) 2,4-Dinitrophenol	10.063	184	116727	48.037	ng		91
55) Dibenzofuran	10.210	168	1168790	36.513	ng		96
56) 4-Nitrophenol	10.110	139	172228	40.333	ng	#	85
57) 2,4-Dinitrotoluene	10.192	165	277810	43.543	ng	#	83
58) Fluorene	10.557	166	874862	36.990	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	285283	38.686	ng		99
60) Diethylphthalate	10.422	149	946335	36.224	ng		98
61) 4-Chlorophenyl-phenyle...	10.545	204	477660	36.756	ng		98
62) 4-Nitroaniline	10.575	138	220832	43.130	ng		93
63) Azobenzene	10.704	77	1013419	34.715	ng		96
65) 4,6-Dinitro-2-methylph...	10.598	198	165709	51.819	ng		93
66) n-Nitrosodiphenylamine	10.663	169	779439	37.380	ng		99
67) 4-Bromophenyl-phenylether	11.039	248	310695	38.667	ng		98
68) Hexachlorobenzene	11.104	284	338885	38.582	ng		96
69) Atrazine	11.186	200	255304	36.851	ng		97
70) Pentachlorophenol	11.292	266	200283	38.178	ng		98
71) Phenanthrene	11.522	178	1272197	36.267	ng		99
72) Anthracene	11.575	178	1268802	36.566	ng		99
73) Carbazole	11.728	167	1183103	36.388	ng		99
74) Di-n-butylphthalate	12.051	149	1377669	35.445	ng		99
75) Fluoranthene	12.710	202	1363050	35.608	ng		99
77) Benzidine	12.827	184	435084	39.764	ng		100
78) Pyrene	12.945	202	1358194	38.367	ng		100
80) Butylbenzylphthalate	13.551	149	508705	38.595	ng		97
81) Benzo(a)anthracene	14.133	228	1077120	38.470	ng		99
82) 3,3'-Dichlorobenzidine	14.092	252	341026	39.069	ng		99
83) Chrysene	14.169	228	983539	36.595	ng		99
84) Bis(2-ethylhexyl)phtha...	14.110	149	640595	34.480	ng		98
85) Di-n-octyl phthalate	14.727	149	929635	34.222	ng	#	93
87) Indeno(1,2,3-cd)pyrene	17.227	276	908089	42.223	ng		99
88) Benzo(b)fluoranthene	15.210	252	804803	36.344	ng		99
89) Benzo(k)fluoranthene	15.239	252	818393	37.263	ng		99
90) Benzo(a)pyrene	15.598	252	676098	37.564	ng		100
91) Dibenzo(a,h)anthracene	17.245	278	742243	42.595	ng		97
92) Benzo(g,h,i)perylene	17.704	276	749813	41.972	ng		98

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

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