Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041122\
Data File : BF127729.D
Acq On : 11 Apr 2022 10:28
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Apr 11 18:52:19 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 06 13:55:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.969	152	154431	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	523104	20.000	ng	#	0.00
39) Acenaphthene-d10	10.016	164	300476	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	567194	20.000	ng		0.00
76) Chrysene-d12	14.157	240	444042	20.000	ng		0.00
86) Perylene-d12	15.680	264	358436	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	723357	76.111	ng		0.00
7) Phenol-d6	6.587	99	941381	75.715	ng		0.00
23) Nitrobenzene-d5	7.534	82	926404	78.952	ng		0.00
42) 2,4,6-Tribromophenol	10.804	330	294041	91.959	ng		0.00
45) 2-Fluorobiphenyl	9.328	172	1606714	75.645	ng		0.00
79) Terphenyl-d14	13.098	244	1922676	71.470	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	173522	38.493	ng		84
3) Pyridine	3.593	79	453900	38.229	ng	#	82
4) n-Nitrosodimethylamine	3.569	42	220444	34.524	ng	#	97
6) Aniline	6.634	93	575412	38.803	ng		93
8) 2-Chlorophenol	6.751	128	373378	38.729	ng		96
9) Benzaldehyde	6.522	77	249416	39.851	ng		93
10) Phenol	6.604	94	480311	38.634	ng		97
11) bis(2-Chloroethyl)ether	6.704	93	392047	38.185	ng		90
12) 1,3-Dichlorobenzene	6.910	146	428550	38.902	ng		96
13) 1,4-Dichlorobenzene	6.987	146	433286	38.910	ng		99
14) 1,2-Dichlorobenzene	7.139	146	402420	37.806	ng		99
15) Benzyl Alcohol	7.104	79	400039	36.804	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.239	45	595221	36.728	ng		97
17) 2-Methylphenol	7.210	107	320742	38.246	ng		99
18) Hexachloroethane	7.481	117	160327	37.731	ng		97
19) n-Nitroso-di-n-propyla...	7.381	70	293676	36.520	ng		93
20) 3+4-Methylphenols	7.363	107	408391	38.215	ng	#	60
22) Acetophenone	7.381	105	528814	37.620	ng	#	82
24) Nitrobenzene	7.551	77	446101	39.220	ng		96
25) Isophorone	7.792	82	787107	38.443	ng		98
26) 2-Nitrophenol	7.863	139	172609	42.227	ng		95
27) 2,4-Dimethylphenol	7.892	122	306625	38.313	ng		91
28) bis(2-Chloroethoxy)met...	7.998	93	489497	38.773	ng		98
29) 2,4-Dichlorophenol	8.104	162	347708	40.331	ng		96
30) 1,2,4-Trichlorobenzene	8.192	180	399662	40.280	ng		96
31) Naphthalene	8.275	128	1073320	39.157	ng		98
32) Benzoic acid	8.016	122	214883	37.008	ng		95
33) 4-Chloroaniline	8.322	127	427233	39.576	ng		96
34) Hexachlorobutadiene	8.386	225	281968	41.312	ng		99
35) Caprolactam	8.704	113	105479	41.396	ng	#	64
36) 4-Chloro-3-methylphenol	8.792	107	358323	39.643	ng		98
37) 2-Methylnaphthalene	8.963	142	718484	39.191	ng		99
38) 1-Methylnaphthalene	9.063	142	695825	39.322	ng		98
40) 1,2,4,5-Tetrachloroben...	9.128	216	401220	40.711	ng		99
41) Hexachlorocyclopentadiene	9.116	237	237720	40.043	ng		98
43) 2,4,6-Trichlorophenol	9.239	196	262914	39.294	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.281	196	282706	41.873	ng		94
46) 1,1'-Biphenyl	9.433	154	892779	38.850	ng		99
47) 2-Chloronaphthalene	9.457	162	723214	39.603	ng		98
48) 2-Nitroaniline	9.551	65	234013	41.259	ng		92
49) Acenaphthylene	9.875	152	1114011	40.106	ng		99
50) Dimethylphthalate	9.733	163	878896	40.353	ng		99
51) 2,6-Dinitrotoluene	9.792	165	176364	42.959	ng		96
52) Acenaphthene	10.051	154	694051	39.660	ng		99
53) 3-Nitroaniline	9.969	138	188674	43.502	ng		92
54) 2,4-Dinitrophenol	10.069	184	81099	42.520	ng		93
55) Dibenzofuran	10.222	168	1017518	39.844	ng		98
56) 4-Nitrophenol	10.116	139	147951	43.430	ng	#	82
57) 2,4-Dinitrotoluene	10.198	165	236023	46.371	ng	#	84
58) Fluorene	10.563	166	766817	40.640	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.333	232	247612	42.088	ng		100
60) Diethylphthalate	10.433	149	838463	40.229	ng		100
61) 4-Chlorophenyl-phenyle...	10.551	204	420429	40.553	ng		94
62) 4-Nitroaniline	10.586	138	189092	46.292	ng		92
63) Azobenzene	10.716	77	884479	37.978	ng		96
65) 4,6-Dinitro-2-methylph...	10.604	198	122552	44.734	ng		93
66) n-Nitrosodiphenylamine	10.675	169	684951	38.344	ng		99
67) 4-Bromophenyl-phenylether	11.045	248	281447	40.886	ng	#	93
68) Hexachlorobenzene	11.110	284	315875	41.978	ng		99
69) Atrazine	11.198	200	231939	39.079	ng		97
70) Pentachlorophenol	11.304	266	185498	41.274	ng		98
71) Phenanthrene	11.533	178	1158000	38.533	ng		99
72) Anthracene	11.586	178	1168587	39.311	ng		98
73) Carbazole	11.739	167	1108929	39.812	ng		99
74) Di-n-butylphthalate	12.063	149	1315340	39.502	ng		99
75) Fluoranthene	12.727	202	1343568	40.971	ng		99
77) Benzidine	12.845	184	435367	37.565	ng		98
78) Pyrene	12.957	202	1361565	36.312	ng		100
80) Butylbenzylphthalate	13.568	149	535978	38.391	ng		94
81) Benzo(a)anthracene	14.145	228	1180242	39.796	ng		99
82) 3,3'-Dichlorobenzidine	14.110	252	393299	42.538	ng	#	97
83) Chrysene	14.186	228	1125681	39.542	ng		99
84) Bis(2-ethylhexyl)phtha...	14.127	149	721979	36.688	ng		99
85) Di-n-octyl phthalate	14.751	149	1115650	38.773	ng	#	93
87) Indeno(1,2,3-cd)pyrene	17.251	276	856656	38.252	ng		98
88) Benzo(b)fluoranthene	15.227	252	977418	42.389	ng		98
89) Benzo(k)fluoranthene	15.262	252	920510	40.251	ng		98
90) Benzo(a)pyrene	15.615	252	765486	40.844	ng		99
91) Dibenzo(a,h)anthracene	17.274	278	702420	38.712	ng		97
92) Benzo(g,h,i)perylene	17.733	276	702656	37.773	ng		99

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

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