Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042324\
Data File : BF137702.D
Acq On : 23 Apr 2024 19:22
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Apr 24 03:47:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 03:33:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	305832	20.000	ng	0.00
21) Naphthalene-d8	8.351	136	1230214	20.000	ng	0.00
39) Acenaphthene-d10	10.116	164	677967	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	1142965	20.000	ng	0.00
76) Chrysene-d12	14.257	240	792945	20.000	ng	0.00
86) Perylene-d12	15.833	264	644418	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1528753	75.932	ng	0.00
7) Phenol-d6	6.675	99	1964401	76.833	ng	0.00
23) Nitrobenzene-d5	7.628	82	1773905	76.543	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	506788	74.079	ng	0.00
45) 2-Fluorobiphenyl	9.428	172	3226133	71.102	ng	0.00
79) Terphenyl-d14	13.198	244	3585618	72.783	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.993	88	346982	38.488	ng	100
3) Pyridine	3.751	79	932854	38.843	ng	100
4) n-Nitrosodimethylamine	3.722	42	432575	38.595	ng	100
6) Aniline	6.728	93	1224597	38.474	ng	100
8) 2-Chlorophenol	6.851	128	806511	38.375	ng	100
9) Benzaldehyde	6.616	77	509098	35.482	ng	100
10) Phenol	6.692	94	980498	38.388	ng	100
11) bis(2-Chloroethyl)ether	6.798	93	804412	38.612	ng	100
12) 1,3-Dichlorobenzene	7.004	146	846128	38.390	ng	100
13) 1,4-Dichlorobenzene	7.081	146	849307	38.276	ng	100
14) 1,2-Dichlorobenzene	7.239	146	791543	38.323	ng	100
15) Benzyl Alcohol	7.198	79	746319	39.021	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.334	45	1242459	38.779	ng	100
17) 2-Methylphenol	7.298	107	719829	38.550	ng	100
18) Hexachloroethane	7.581	117	302580	38.529	ng	100
19) n-Nitroso-di-n-propyla...	7.475	70	624808	37.792	ng	100
20) 3+4-Methylphenols	7.451	107	941991	39.060	ng	100
22) Acetophenone	7.475	105	1137379	37.800	ng	100
24) Nitrobenzene	7.651	77	899373	38.412	ng	100
25) Isophorone	7.886	82	1620213	37.643	ng	100
26) 2-Nitrophenol	7.963	139	408828	39.789	ng	100
27) 2,4-Dimethylphenol	7.986	122	770994	37.193	ng	100
28) bis(2-Chloroethoxy)met...	8.086	93	993112	37.776	ng	100
29) 2,4-Dichlorophenol	8.198	162	690941	38.032	ng	100
30) 1,2,4-Trichlorobenzene	8.286	180	700671	37.838	ng	100
31) Naphthalene	8.375	128	2372477	37.792	ng	100
32) Benzoic acid	8.092	122	517619	39.436	ng	100
33) 4-Chloroaniline	8.416	127	1007124	37.902	ng	100
34) Hexachlorobutadiene	8.481	225	424795	38.265	ng	100
35) Caprolactam	8.786	113	224575	38.234	ng	100
36) 4-Chloro-3-methylphenol	8.881	107	736703	38.233	ng	100
37) 2-Methylnaphthalene	9.063	142	1613834	37.454	ng	100
38) 1-Methylnaphthalene	9.163	142	1506650	37.399	ng	100
40) 1,2,4,5-Tetrachloroben...	9.228	216	704542	37.906	ng	100
41) Hexachlorocyclopentadiene	9.216	237	412873	39.645	ng	100
43) 2,4,6-Trichlorophenol	9.333	196	505365	38.758	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	566011	37.877	ng	100
46) 1,1'-Biphenyl	9.528	154	1867734	37.869	ng	100
47) 2-Chloronaphthalene	9.557	162	1434320	37.726	ng	100
48) 2-Nitroaniline	9.645	65	457264	39.469	ng	100
49) Acenaphthylene	9.975	152	2244252	37.852	ng	100
50) Dimethylphthalate	9.828	163	1751521	37.081	ng	100
51) 2,6-Dinitrotoluene	9.886	165	387977	38.983	ng	100
52) Acenaphthene	10.145	154	1436153	37.409	ng	100
53) 3-Nitroaniline	10.063	138	438944	39.246	ng	100
54) 2,4-Dinitrophenol	10.157	184	176160	36.576	ng	100
55) Dibenzofuran	10.322	168	2106284	37.428	ng	100
56) 4-Nitrophenol	10.198	139	344088	39.561	ng	100
57) 2,4-Dinitrotoluene	10.292	165	495230	39.470	ng	100
58) Fluorene	10.663	166	1629594	37.060	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.427	232	438203	37.871	ng	100
60) Diethylphthalate	10.527	149	1688677	37.169	ng	100
61) 4-Chlorophenyl-phenyle...	10.651	204	804162	37.012	ng	100
62) 4-Nitroaniline	10.680	138	417418	39.184	ng	100
63) Azobenzene	10.810	77	1766675	37.948	ng	100
65) 4,6-Dinitro-2-methylph...	10.698	198	255655	39.011	ng	100
66) n-Nitrosodiphenylamine	10.769	169	1459190	37.694	ng	100
67) 4-Bromophenyl-phenylether	11.145	248	495855	37.440	ng	100
68) Hexachlorobenzene	11.210	284	483765	37.494	ng	100
69) Atrazine	11.292	200	405522	37.896	ng	100
70) Pentachlorophenol	11.398	266	375445	38.683	ng	100
71) Phenanthrene	11.633	178	2256494	37.295	ng	100
72) Anthracene	11.686	178	2317087	37.400	ng	100
73) Carbazole	11.833	167	2117224	37.708	ng	100
74) Di-n-butylphthalate	12.157	149	2544681	37.178	ng	100
75) Fluoranthene	12.827	202	2377052	37.378	ng	100
77) Benzidine	12.939	184	694946	37.523	ng	100
78) Pyrene	13.057	202	2435623	37.423	ng	100
80) Butylbenzylphthalate	13.663	149	890955	38.602	ng	100
81) Benzo(a)anthracene	14.251	228	2102127	38.009	ng	100
82) 3,3'-Dichlorobenzidine	14.204	252	652044	38.105	ng	100
83) Chrysene	14.286	228	1952944	37.792	ng	100
84) Bis(2-ethylhexyl)phtha...	14.221	149	1352699	38.808	ng	100
85) Di-n-octyl phthalate	14.851	149	2094337	40.001	ng	100
87) Indeno(1,2,3-cd)pyrene	17.474	276	1304101	36.497	ng	100
88) Benzo(b)fluoranthene	15.357	252	1637835	39.718	ng	100
89) Benzo(k)fluoranthene	15.392	252	1571859	38.777	ng	100
90) Benzo(a)pyrene	15.762	252	1448739	39.163	ng	100
91) Dibenzo(a,h)anthracene	17.492	278	1085179	36.597	ng	100
92) Benzo(g,h,i)perylene	17.974	276	1050712	36.441	ng	100

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

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