Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011924\
Data File : BF137111.D
Acq On : 19 Jan 2024 14:55
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Jan 20 00:49:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 20 00:41:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	152479	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	616272	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	311595	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	556607	20.000	ng	0.00
76) Chrysene-d12	13.998	240	294907	20.000	ng	0.00
86) Perylene-d12	15.486	264	300313	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	836820	80.429	ng	0.00
7) Phenol-d6	6.445	99	1043791	79.913	ng	0.00
23) Nitrobenzene-d5	7.380	82	906233	84.149	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	241657	80.100	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1632680	78.643	ng	0.00
79) Terphenyl-d14	12.945	244	1684758	81.660	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	190337	40.530	ng	100
3) Pyridine	3.357	79	461369	40.468	ng	100
4) n-Nitrosodimethylamine	3.322	42	258447	40.725	ng	100
6) Aniline	6.481	93	543865	42.781	ng	100
8) 2-Chlorophenol	6.604	128	445688	40.499	ng	100
9) Benzaldehyde	6.369	77	273425	37.456	ng	100
10) Phenol	6.463	94	576773	40.817	ng	100
11) bis(2-Chloroethyl)ether	6.557	93	442848	39.545	ng	100
12) 1,3-Dichlorobenzene	6.757	146	489745	40.510	ng	100
13) 1,4-Dichlorobenzene	6.833	146	491071	40.338	ng	100
14) 1,2-Dichlorobenzene	6.986	146	453931	40.238	ng	100
15) Benzyl Alcohol	6.957	79	386894	41.061	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.092	45	755447	40.507	ng	100
17) 2-Methylphenol	7.069	107	363750	40.309	ng	100
18) Hexachloroethane	7.328	117	183415	41.142	ng	100
19) n-Nitroso-di-n-propyla...	7.233	70	320860	39.891	ng	100
20) 3+4-Methylphenols	7.222	107	446272	40.304	ng	100
22) Acetophenone	7.228	105	601047	39.427	ng	100
24) Nitrobenzene	7.398	77	494125	42.027	ng	100
25) Isophorone	7.639	82	881510	39.763	ng	100
26) 2-Nitrophenol	7.710	139	187280	39.709	ng	100
27) 2,4-Dimethylphenol	7.751	122	286767	40.122	ng	100
28) bis(2-Chloroethoxy)met...	7.851	93	542162	40.342	ng	100
29) 2,4-Dichlorophenol	7.951	162	358363	40.545	ng	100
30) 1,2,4-Trichlorobenzene	8.039	180	413548	40.504	ng	100
31) Naphthalene	8.122	128	1316914	40.286	ng	100
32) Benzoic acid	7.863	122	262946	41.590	ng	100
33) 4-Chloroaniline	8.169	127	468671	38.965	ng	100
34) Hexachlorobutadiene	8.239	225	240644	40.513	ng	100
35) Caprolactam	8.539	113	113534	40.469	ng	100
36) 4-Chloro-3-methylphenol	8.645	107	388884	40.279	ng	100
37) 2-Methylnaphthalene	8.810	142	832184	39.999	ng	100
38) 1-Methylnaphthalene	8.910	142	805374	39.685	ng	100
40) 1,2,4,5-Tetrachloroben...	8.975	216	365638	40.094	ng	100
41) Hexachlorocyclopentadiene	8.963	237	150820	43.045	ng	100
43) 2,4,6-Trichlorophenol	9.086	196	242794	40.901	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	264949	40.946	ng	100
46) 1,1'-Biphenyl	9.274	154	1033806	40.754	ng	100
47) 2-Chloronaphthalene	9.298	162	792984	40.366	ng	100
48) 2-Nitroaniline	9.392	65	229944	44.561	ng	100
49) Acenaphthylene	9.716	152	1142356	40.835	ng	100
50) Dimethylphthalate	9.580	163	873641	40.074	ng	100
51) 2,6-Dinitrotoluene	9.639	165	189235	43.544	ng	100
52) Acenaphthene	9.886	154	766749	40.371	ng	100
53) 3-Nitroaniline	9.804	138	200797	43.342	ng	100
54) 2,4-Dinitrophenol	9.910	184	55567	37.269	ng	100
55) Dibenzofuran	10.063	168	1059936	40.320	ng	100
56) 4-Nitrophenol	9.957	139	163895	43.598	ng	100
57) 2,4-Dinitrotoluene	10.039	165	233853	44.998	ng	100
58) Fluorene	10.404	166	778317	39.336	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.174	232	202954	40.435	ng	100
60) Diethylphthalate	10.286	149	864031	40.269	ng	100
61) 4-Chlorophenyl-phenyle...	10.398	204	373342	38.879	ng	100
62) 4-Nitroaniline	10.421	138	192429	43.571	ng	100
63) Azobenzene	10.563	77	905744	40.330	ng	100
65) 4,6-Dinitro-2-methylph...	10.445	198	86377	38.288	ng	100
66) n-Nitrosodiphenylamine	10.521	169	718197	40.415	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	244273	40.609	ng	100
68) Hexachlorobenzene	10.951	284	269945	39.779	ng	100
69) Atrazine	11.045	200	152560	42.740	ng	100
70) Pentachlorophenol	11.139	266	169255	42.186	ng	100
71) Phenanthrene	11.368	178	1189857	40.118	ng	100
72) Anthracene	11.421	178	1201281	40.660	ng	100
73) Carbazole	11.574	167	1081281	40.351	ng	100
74) Di-n-butylphthalate	11.921	149	1262157	41.085	ng	100
75) Fluoranthene	12.563	202	1206821	39.947	ng	100
77) Benzidine	12.686	184	171124	57.482	ng	100
78) Pyrene	12.792	202	1237330	42.025	ng	100
80) Butylbenzylphthalate	13.427	149	406596	42.663	ng	100
81) Benzo(a)anthracene	13.986	228	880927	40.223	ng	100
82) 3,3'-Dichlorobenzidine	13.957	252	217403	40.486	ng	100
83) Chrysene	14.027	228	857723	40.519	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	497434	42.925	ng	100
85) Di-n-octyl phthalate	14.621	149	765485	40.933	ng	100
87) Indeno(1,2,3-cd)pyrene	17.003	276	908678	44.781	ng	100
88) Benzo(b)fluoranthene	15.051	252	771630	40.384	ng	100
89) Benzo(k)fluoranthene	15.086	252	683035	39.098	ng	100
90) Benzo(a)pyrene	15.427	252	642878	40.777	ng	100
91) Dibenzo(a,h)anthracene	17.033	278	747647	44.876	ng	100
92) Benzo(g,h,i)perylene	17.468	276	784757	45.263	ng	100

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

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