Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140535.D
Acq On : 21 Nov 2024 14:18
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Nov 21 15:15:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 14:50:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	111872	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	386311	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	207499	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	377113	20.000	ng		0.00
76) Chrysene-d12	14.057	240	187912	20.000	ng		0.00
86) Perylene-d12	15.539	264	185457	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	976816	148.979	ng		0.01
7) Phenol-d6	6.528	99	1259345	145.284	ng		0.01
23) Nitrobenzene-d5	7.451	82	1184453	156.830	ng		0.01
42) 2,4,6-Tribromophenol	10.710	330	350473	157.926	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	2050501	147.236	ng		0.00
79) Terphenyl-d14	12.992	244	1884646	156.171	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	213294	77.371	ng		100
3) Pyridine	3.434	79	504657	83.201	ng		98
4) n-Nitrosodimethylamine	3.416	42	295436	82.873	ng		99
6) Aniline	6.551	93	373764	61.261	ng	#	66
8) 2-Chlorophenol	6.675	128	512168	72.606	ng		97
10) Phenol	6.545	94	633910	71.609	ng		99
11) bis(2-Chloroethyl)ether	6.622	93	509142	75.160	ng		100
12) 1,3-Dichlorobenzene	6.822	146	576538	72.737	ng		99
13) 1,4-Dichlorobenzene	6.893	146	587901	73.253	ng		98
14) 1,2-Dichlorobenzene	7.051	146	541244	71.971	ng		99
15) Benzyl Alcohol	7.028	79	469135	72.980	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	571163	71.370	ng		89
17) 2-Methylphenol	7.140	107	412367	73.028	ng		97
18) Hexachloroethane	7.387	117	223281	74.489	ng		98
19) n-Nitroso-di-n-propyla...	7.304	70	370745	72.370	ng		97
20) 3+4-Methylphenols	7.298	107	516442	71.155	ng		91
22) Acetophenone	7.292	105	722622	76.727	ng	#	98
24) Nitrobenzene	7.469	77	605207	77.534	ng		98
25) Isophorone	7.704	82	981772	77.937	ng		100
26) 2-Nitrophenol	7.775	139	277762	80.298	ng		98
27) 2,4-Dimethylphenol	7.816	122	336239	81.241	ng		100
28) bis(2-Chloroethoxy)met...	7.904	93	591884	77.128	ng		100
29) 2,4-Dichlorophenol	8.022	162	418686	76.344	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	482134	76.997	ng		99
31) Naphthalene	8.181	128	1498520	75.309	ng		100
32) Benzoic acid	7.981	122	312770	81.021	ng		99
33) 4-Chloroaniline	8.239	127	446235	74.901	ng		99
34) Hexachlorobutadiene	8.292	225	315951	76.179	ng		99
35) Caprolactam	8.634	113	127641	75.207	ng		99
36) 4-Chloro-3-methylphenol	8.728	107	465184	75.759	ng		100
37) 2-Methylnaphthalene	8.869	142	949611	75.136	ng		100
38) 1-Methylnaphthalene	8.969	142	928964	74.987	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	468632	77.147	ng		100
41) Hexachlorocyclopentadiene	9.022	237	110015	80.520	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	302826	79.446	ng		99
44) 2,4,5-Trichlorophenol	9.204	196	325549	78.696	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.339	154	1164092	75.141	ng	98
47) 2-Chloronaphthalene	9.363	162	905645	77.151	ng	100
48) 2-Nitroaniline	9.463	65	297813	79.040	ng	99
49) Acenaphthylene	9.781	152	1319777	74.411	ng	99
50) Dimethylphthalate	9.645	163	1041011	76.177	ng	100
51) 2,6-Dinitrotoluene	9.710	165	237697	76.693	ng	96
52) Acenaphthene	9.951	154	851353	74.130	ng	99
53) 3-Nitroaniline	9.881	138	217122	71.627	ng	95
54) 2,4-Dinitrophenol	9.986	184	127923	79.725	ng	98
55) Dibenzofuran	10.122	168	1252581	72.868	ng	98
56) 4-Nitrophenol	10.051	139	172406	83.396	ng	97
57) 2,4-Dinitrotoluene	10.116	165	314478	76.346	ng	96
58) Fluorene	10.469	166	1004537	72.805	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	258582	81.333	ng	97
60) Diethylphthalate	10.339	149	1023948	73.747	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	496862	73.378	ng	98
62) 4-Nitroaniline	10.504	138	241223	75.874	ng	99
63) Azobenzene	10.616	77	978891	74.448	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	170169	88.305	ng	98
66) n-Nitrosodiphenylamine	10.581	169	842038	75.504	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	298430	76.842	ng	98
68) Hexachlorobenzene	11.016	284	349669	77.757	ng	98
69) Atrazine	11.110	200	298744	95.222	ng	99
70) Pentachlorophenol	11.216	266	177717	89.792	ng	99
71) Phenanthrene	11.433	178	1329366	73.334	ng	100
72) Anthracene	11.486	178	1295331	73.050	ng	100
73) Carbazole	11.639	167	1238730	72.617	ng	100
74) Di-n-butylphthalate	11.963	149	1458047	74.036	ng	100
75) Fluoranthene	12.622	202	1389485	70.598	ng	99
77) Benzidine	12.745	184	564372	103.300	ng	100
78) Pyrene	12.851	202	1352459	77.840	ng	100
80) Butylbenzylphthalate	13.463	149	481834	76.981	ng	99
81) Benzo(a)anthracene	14.045	228	933395	75.038	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	295857	79.219	ng	99
83) Chrysene	14.080	228	847578	74.518	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	598926	75.781	ng	100
85) Di-n-octyl phthalate	14.639	149	842600	78.011	ng	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	973960	80.586	ng	100
88) Benzo(b)fluoranthene	15.104	252	866416	74.378	ng	99
89) Benzo(k)fluoranthene	15.139	252	726636	71.283	ng	100
90) Benzo(a)pyrene	15.480	252	710060	74.969	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	789090	79.722	ng	99
92) Benzo(g,h,i)perylene	17.521	276	803570	79.559	ng	99

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

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