Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
Data File : BF139171.D
Acq On : 26 Aug 2024 19:08
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Aug 27 02:48:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 02:30:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	108304	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	379289	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	209165	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	342507	20.000	ng		0.00
76) Chrysene-d12	14.051	240	168409	20.000	ng		0.00
86) Perylene-d12	15.521	264	208569	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1021677	158.515	ng		0.01
7) Phenol-d6	6.534	99	1350567	152.683	ng		0.01
23) Nitrobenzene-d5	7.469	82	1254120	183.181	ng		0.01
42) 2,4,6-Tribromophenol	10.722	330	305987	170.809	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	1916481	142.327	ng		0.00
79) Terphenyl-d14	12.998	244	1478501	136.985	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	232429	76.255	ng		99
3) Pyridine	3.440	79	523198	69.068	ng		99
4) n-Nitrosodimethylamine	3.416	42	347479	78.792	ng		100
8) 2-Chlorophenol	6.687	128	494266	80.716	ng		99
9) Benzaldehyde	6.445	77	320677	57.921	ng		98
10) Phenol	6.545	94	675991	74.662	ng		96
12) 1,3-Dichlorobenzene	6.839	146	591677	73.272	ng		99
13) 1,4-Dichlorobenzene	6.916	146	593815	73.296	ng		99
14) 1,2-Dichlorobenzene	7.069	146	546592	71.707	ng		99
15) Benzyl Alcohol	7.039	79	526873	79.023	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	736441	72.225	ng		98
17) 2-Methylphenol	7.151	107	434315	77.802	ng		99
18) Hexachloroethane	7.410	117	209510	81.738	ng		99
19) n-Nitroso-di-n-propyla...	7.322	70	407250	76.977	ng		99
20) 3+4-Methylphenols	7.310	107	532139	74.731	ng		95
22) Acetophenone	7.310	105	724449	74.336	ng	#	94
24) Nitrobenzene	7.486	77	653533	79.628	ng		98
25) Isophorone	7.722	82	1054226	77.866	ng		100
26) 2-Nitrophenol	7.798	139	226310	79.139	ng		99
27) 2,4-Dimethylphenol	7.833	122	331273	82.553	ng		100
28) bis(2-Chloroethoxy)met...	7.934	93	591743	75.491	ng		100
29) 2,4-Dichlorophenol	8.039	162	419869	84.769	ng		97
30) 1,2,4-Trichlorobenzene	8.122	180	483670	75.723	ng		100
31) Naphthalene	8.204	128	1437155	74.103	ng		99
32) Benzoic acid	7.975	122	309986	81.929	ng		98
33) 4-Chloroaniline	8.269	127	510196	76.338	ng		99
34) Hexachlorobutadiene	8.316	225	315794	76.083	ng		99
35) Caprolactam	8.639	113	127959	84.214	ng		97
36) 4-Chloro-3-methylphenol	8.728	107	467724	82.337	ng		97
37) 2-Methylnaphthalene	8.892	142	900000	74.025	ng		100
38) 1-Methylnaphthalene	8.992	142	874471	73.589	ng		100
40) 1,2,4,5-Tetrachloroben...	9.057	216	461350	74.362	ng		99
41) Hexachlorocyclopentadiene	9.039	237	171665	86.170	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	312775	90.163	ng		100
44) 2,4,5-Trichlorophenol	9.204	196	310628	85.427	ng		98
46) 1,1'-Biphenyl	9.357	154	1110442	73.345	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.380	162	890443	73.722	ng		97
48) 2-Nitroaniline	9.475	65	301571	80.384	ng		99
49) Acenaphthylene	9.798	152	1252510	73.594	ng		100
50) Dimethylphthalate	9.663	163	952484	78.830	ng		100
51) 2,6-Dinitrotoluene	9.722	165	216175	79.447	ng		93
52) Acenaphthene	9.969	154	848427	75.886	ng		100
53) 3-Nitroaniline	9.886	138	216672	79.000	ng		99
54) 2,4-Dinitrophenol	9.986	184	97467	79.622	ng	#	78
55) Dibenzofuran	10.139	168	1183616	72.539	ng		99
56) 4-Nitrophenol	10.039	139	173427	78.683	ng		99
57) 2,4-Dinitrotoluene	10.122	165	277121	79.983	ng		97
58) Fluorene	10.480	166	933394	72.508	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	253928	87.132	ng		98
60) Diethylphthalate	10.357	149	892806	78.467	ng		100
61) 4-Chlorophenyl-phenyle...	10.475	204	454989	72.020	ng		100
62) 4-Nitroaniline	10.504	138	211678	77.576	ng		99
63) Azobenzene	10.633	77	1030308	74.489	ng		100
65) 4,6-Dinitro-2-methylph...	10.527	198	130658	79.491	ng		97
66) n-Nitrosodiphenylamine	10.592	169	778629	76.760	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	284742	78.243	ng		98
68) Hexachlorobenzene	11.027	284	305907	77.672	ng		99
69) Atrazine	11.116	200	141723	64.055	ng		99
70) Pentachlorophenol	11.216	266	204155	88.292	ng		98
71) Phenanthrene	11.445	178	1273504	73.579	ng		99
72) Anthracene	11.492	178	1251250	74.163	ng		99
73) Carbazole	11.645	167	1088775	72.139	ng		99
74) Di-n-butylphthalate	11.974	149	1047041	80.043	ng		99
75) Fluoranthene	12.627	202	1134279	67.530	ng		100
78) Pyrene	12.857	202	1112478	70.325	ng		99
80) Butylbenzylphthalate	13.474	149	272596	80.531	ng		96
81) Benzo(a)anthracene	14.039	228	875623	78.472	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	256454	98.713	ng		99
83) Chrysene	14.080	228	765097	76.011	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	328738	80.537	ng		99
85) Di-n-octyl phthalate	14.651	149	674318	82.512	ng		100
87) Indeno(1,2,3-cd)pyrene	17.015	276	1118712	78.445	ng		99
88) Benzo(b)fluoranthene	15.098	252	923679	75.707	ng		99
89) Benzo(k)fluoranthene	15.127	252	844155	76.528	ng		100
90) Benzo(a)pyrene	15.468	252	822204	79.394	ng		99
91) Dibenzo(a,h)anthracene	17.039	278	907667	77.652	ng		99
92) Benzo(g,h,i)perylene	17.468	276	926678	76.646	ng		100

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

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