Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062824\
Data File : BF138388.D
Acq On : 28 Jun 2024 15:00
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 29 02:36:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 02:31:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	168343	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	678290	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	367582	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	587988	20.000	ng	0.00
76) Chrysene-d12	14.027	240	233783	20.000	ng	0.00
86) Perylene-d12	15.492	264	292128	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	806437	79.423	ng	0.00
7) Phenol-d6	6.516	99	1077456	78.773	ng	0.00
23) Nitrobenzene-d5	7.445	82	1038755	79.554	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	240116	79.954	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1768323	76.560	ng	0.00
79) Terphenyl-d14	12.980	244	1395302	81.792	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	191771	40.097	ng	100
3) Pyridine	3.416	79	467942	41.012	ng	100
4) n-Nitrosodimethylamine	3.387	42	291636	40.970	ng	100
6) Aniline	6.539	93	526485	39.443	ng	100
8) 2-Chlorophenol	6.663	128	430903	39.532	ng	100
9) Benzaldehyde	6.428	77	322692	38.224	ng	100
10) Phenol	6.528	94	571045	39.186	ng	100
11) bis(2-Chloroethyl)ether	6.616	93	455278	39.779	ng	100
12) 1,3-Dichlorobenzene	6.816	146	497642	39.866	ng	100
13) 1,4-Dichlorobenzene	6.892	146	491693	39.284	ng	100
14) 1,2-Dichlorobenzene	7.045	146	453609	39.257	ng	100
15) Benzyl Alcohol	7.022	79	395443	40.364	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	915594	39.661	ng	100
17) 2-Methylphenol	7.134	107	357565	39.581	ng	100
18) Hexachloroethane	7.386	117	182978	40.531	ng	100
19) n-Nitroso-di-n-propyla...	7.292	70	335958	38.962	ng	100
20) 3+4-Methylphenols	7.287	107	422643	40.265	ng	100
22) Acetophenone	7.287	105	592197	38.484	ng	100
24) Nitrobenzene	7.463	77	527931	39.752	ng	100
25) Isophorone	7.698	82	940153	39.049	ng	100
26) 2-Nitrophenol	7.775	139	239350	41.784	ng	100
27) 2,4-Dimethylphenol	7.810	122	291278	39.730	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	569183	39.276	ng	100
29) 2,4-Dichlorophenol	8.022	162	377286	40.068	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	430888	39.356	ng	100
31) Naphthalene	8.181	128	1344808	39.219	ng	100
32) Benzoic acid	7.945	122	256131m	39.210	ng	
33) 4-Chloroaniline	8.228	127	467621	39.048	ng	100
34) Hexachlorobutadiene	8.292	225	259261	39.442	ng	100
35) Caprolactam	8.610	113	118175	39.744	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	391302	39.014	ng	100
37) 2-Methylnaphthalene	8.869	142	857409	38.690	ng	100
38) 1-Methylnaphthalene	8.969	142	836841	38.937	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	397718	39.117	ng	100
41) Hexachlorocyclopentadiene	9.022	237	127249	42.519	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	262072	40.508	ng	100

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44) 2,4,5-Trichlorophenol	9.192	196	283032	40.226	ng	100
46) 1,1'-Biphenyl	9.333	154	1077347	39.253	ng	100
47) 2-Chloronaphthalene	9.363	162	818680	39.122	ng	100
48) 2-Nitroaniline	9.457	65	271271	40.187	ng	100
49) Acenaphthylene	9.775	152	1144257	38.880	ng	100
50) Dimethylphthalate	9.639	163	912605	38.631	ng	100
51) 2,6-Dinitrotoluene	9.698	165	210775	39.837	ng	100
52) Acenaphthene	9.945	154	791852	39.294	ng	100
53) 3-Nitroaniline	9.869	138	207988	39.802	ng	100
54) 2,4-Dinitrophenol	9.969	184	71973	37.502	ng	100
55) Dibenzofuran	10.122	168	1079290	38.872	ng	100
56) 4-Nitrophenol	10.033	139	140581	41.493	ng	100
57) 2,4-Dinitrotoluene	10.098	165	269216	41.325	ng	100
58) Fluorene	10.463	166	811779	36.795	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	213267	40.808	ng	100
60) Diethylphthalate	10.333	149	858548	38.871	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	415296	37.101	ng	100
62) 4-Nitroaniline	10.480	138	194861	40.627	ng	100
63) Azobenzene	10.610	77	917578	39.337	ng	100
65) 4,6-Dinitro-2-methylph...	10.510	198	117852	38.710	ng	100
66) n-Nitrosodiphenylamine	10.575	169	704082	38.571	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	246002	38.924	ng	100
68) Hexachlorobenzene	11.004	284	268123	38.490	ng	100
69) Atrazine	11.098	200	213560	41.727	ng	100
70) Pentachlorophenol	11.198	266	150832	42.767	ng	100
71) Phenanthrene	11.422	178	1122150	39.088	ng	100
72) Anthracene	11.474	178	1121805	39.183	ng	100
73) Carbazole	11.627	167	946071	39.803	ng	100
74) Di-n-butylphthalate	11.957	149	1202606	39.924	ng	100
75) Fluoranthene	12.610	202	1034655	40.201	ng	100
77) Benzidine	12.727	184	15041	8.046	ng	100
78) Pyrene	12.839	202	999400	39.997	ng	100
80) Butylbenzylphthalate	13.451	149	320366	42.135	ng	100
81) Benzo(a)anthracene	14.021	228	594056	39.479	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	165855	37.332	ng	100
83) Chrysene	14.057	228	569355	38.885	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	390206	40.923	ng	100
85) Di-n-octyl phthalate	14.621	149	660016	39.546	ng	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	608077	41.427	ng	100
88) Benzo(b)fluoranthene	15.068	252	610577	38.094	ng	100
89) Benzo(k)fluoranthene	15.098	252	591866	40.091	ng	100
90) Benzo(a)pyrene	15.433	252	550764	39.204	ng	100
91) Dibenzo(a,h)anthracene	16.986	278	500628	42.254	ng	100
92) Benzo(g,h,i)perylene	17.415	276	485319	41.871	ng	100

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

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