Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139393.D
Acq On : 17 Sep 2024 10:40
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Sep 17 11:30:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	64326	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	237903	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	131966	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	246534	20.000	ng		0.00
76) Chrysene-d12	14.039	240	138699	20.000	ng		0.00
86) Perylene-d12	15.504	264	99596	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	290958	73.789	ng		0.00
7) Phenol-d6	6.510	99	381714	73.752	ng		0.00
23) Nitrobenzene-d5	7.445	82	390972	77.259	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	107452	76.482	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	719036	76.418	ng		0.00
79) Terphenyl-d14	12.980	244	736886	87.204	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	55977	35.384	ng		98
3) Pyridine	3.410	79	132168	37.893	ng		97
4) n-Nitrosodimethylamine	3.369	42	108564	35.911	ng		98
6) Aniline	6.545	93	156141	39.976	ng		99
8) 2-Chlorophenol	6.669	128	155873	38.402	ng		98
9) Benzaldehyde	6.434	77	111751	37.372	ng		97
10) Phenol	6.528	94	201051	38.141	ng		96
11) bis(2-Chloroethyl)ether	6.616	93	144952	36.180	ng		98
12) 1,3-Dichlorobenzene	6.822	146	174734	37.853	ng		100
13) 1,4-Dichlorobenzene	6.898	146	175833	37.694	ng		99
14) 1,2-Dichlorobenzene	7.051	146	169778	38.517	ng		99
15) Benzyl Alcohol	7.022	79	158321	38.342	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	254339	41.192	ng		99
17) 2-Methylphenol	7.134	107	123363	38.254	ng		99
18) Hexachloroethane	7.392	117	69544	39.141	ng		99
19) n-Nitroso-di-n-propyla...	7.292	70	121621	39.655	ng		99
20) 3+4-Methylphenols	7.287	107	166811	37.914	ng	#	89
22) Acetophenone	7.292	105	233639	37.566	ng		96
24) Nitrobenzene	7.463	77	196322	37.694	ng		99
25) Isophorone	7.698	82	313755	39.203	ng		98
26) 2-Nitrophenol	7.781	139	82478	40.646	ng		96
27) 2,4-Dimethylphenol	7.816	122	102250	38.201	ng		97
28) bis(2-Chloroethoxy)met...	7.910	93	179594	39.374	ng		99
29) 2,4-Dichlorophenol	8.022	162	130306	38.321	ng		100
30) 1,2,4-Trichlorobenzene	8.104	180	150589	38.009	ng		99
31) Naphthalene	8.187	128	473494	38.124	ng		100
32) Benzoic acid	7.928	122	100674	40.191	ng		96
33) 4-Chloroaniline	8.234	127	148048	38.965	ng		99
34) Hexachlorobutadiene	8.298	225	104272	38.738	ng		100
35) Caprolactam	8.604	113	39348	37.618	ng		95
36) 4-Chloro-3-methylphenol	8.710	107	149157	38.382	ng		99
37) 2-Methylnaphthalene	8.875	142	301004	38.182	ng		99
38) 1-Methylnaphthalene	8.975	142	294524	38.054	ng		98
40) 1,2,4,5-Tetrachloroben...	9.039	216	153372	39.215	ng		98
41) Hexachlorocyclopentadiene	9.028	237	56815	41.605	ng		97
43) 2,4,6-Trichlorophenol	9.151	196	98992	38.904	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	106931	39.839	ng	98
46) 1,1'-Biphenyl	9.339	154	386814	38.100	ng	99
47) 2-Chloronaphthalene	9.363	162	293914	38.719	ng	99
48) 2-Nitroaniline	9.457	65	107787	38.176	ng	98
49) Acenaphthylene	9.781	152	438029	38.334	ng	100
50) Dimethylphthalate	9.639	163	328830	37.965	ng	100
51) 2,6-Dinitrotoluene	9.698	165	76911	40.083	ng	99
52) Acenaphthene	9.951	154	309352	38.790	ng	99
53) 3-Nitroaniline	9.869	138	76701	39.998	ng	95
54) 2,4-Dinitrophenol	9.975	184	43217	40.420	ng	96
55) Dibenzofuran	10.122	168	425457	38.275	ng	98
56) 4-Nitrophenol	10.022	139	60168	37.920	ng	94
57) 2,4-Dinitrotoluene	10.104	165	102658	39.628	ng	98
58) Fluorene	10.463	166	342877	37.806	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	85279	38.409	ng	99
60) Diethylphthalate	10.333	149	351373	39.311	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	169935	38.555	ng	97
62) 4-Nitroaniline	10.480	138	79806	38.133	ng	96
63) Azobenzene	10.616	77	340288	38.707	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	55546	42.689	ng	97
66) n-Nitrosodiphenylamine	10.575	169	281361	39.036	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	99137	40.579	ng	99
68) Hexachlorobenzene	11.010	284	112603	39.272	ng	98
69) Atrazine	11.098	200	66161	38.556	ng	97
70) Pentachlorophenol	11.204	266	71828	41.749	ng	99
71) Phenanthrene	11.428	178	460948	38.754	ng	100
72) Anthracene	11.475	178	450773	38.762	ng	99
73) Carbazole	11.633	167	432999	38.903	ng	99
74) Di-n-butylphthalate	11.957	149	526470	42.461	ng	100
75) Fluoranthene	12.610	202	515248	40.564	ng	99
77) Benzidine	12.733	184	119213	59.992	ng	100
78) Pyrene	12.839	202	513855	43.148	ng	100
80) Butylbenzylphthalate	13.457	149	191381	47.212	ng	98
81) Benzo(a)anthracene	14.027	228	359647	39.146	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	99176	36.861	ng	99
83) Chrysene	14.063	228	318661	37.700	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	245058	47.522	ng	99
85) Di-n-octyl phthalate	14.627	149	321853	42.380	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	243786	41.164	ng	99
88) Benzo(b)fluoranthene	15.074	252	235334	38.313	ng	100
89) Benzo(k)fluoranthene	15.104	252	228996	40.434	ng	100
90) Benzo(a)pyrene	15.445	252	199148	39.093	ng	100
91) Dibenzo(a,h)anthracene	16.998	278	201682	41.212	ng	99
92) Benzo(g,h,i)perylene	17.427	276	209846	43.308	ng	99

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

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