Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139422.D
Acq On : 18 Sep 2024 12:36
Operator : RC/JU
Sample : PB163372BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 18 13:19:20 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

Instrument :
BNA_F
ClientSampleId :
PB163372BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	75483	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	282399	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	155789	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	284295	20.000	ng		0.00
76) Chrysene-d12	14.039	240	147073	20.000	ng		0.00
86) Perylene-d12	15.504	264	135838	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	591780	127.896	ng		0.02
7) Phenol-d6	6.516	99	788377	129.810	ng		0.01
23) Nitrobenzene-d5	7.445	82	539615	89.831	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	220596	133.004	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1012998	91.197	ng		0.00
79) Terphenyl-d14	12.980	244	950187	106.044	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	63269	34.082	ng		99
3) Pyridine	3.516	79	166085	40.579	ng		97
4) n-Nitrosodimethylamine	3.475	42	143489	40.448	ng		93
6) Aniline	6.540	93	230326	50.253	ng	#	71
8) 2-Chlorophenol	6.663	128	212841	44.687	ng		100
9) Benzaldehyde	6.428	77	51061	14.552	ng		97
10) Phenol	6.528	94	281829	45.562	ng		89
11) bis(2-Chloroethyl)ether	6.616	93	201651	42.892	ng		99
12) 1,3-Dichlorobenzene	6.822	146	222539	41.083	ng		99
13) 1,4-Dichlorobenzene	6.898	146	229258	41.882	ng		99
14) 1,2-Dichlorobenzene	7.045	146	217466	42.044	ng		99
15) Benzyl Alcohol	7.022	79	218388	45.071	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	365346	50.424	ng		97
17) 2-Methylphenol	7.134	107	172965	45.707	ng		99
18) Hexachloroethane	7.393	117	88801	42.592	ng		99
19) n-Nitroso-di-n-propyla...	7.293	70	171067	47.532	ng		100
20) 3+4-Methylphenols	7.287	107	230089	44.566	ng		92
22) Acetophenone	7.287	105	312366	42.310	ng		97
24) Nitrobenzene	7.463	77	255792	41.374	ng		100
25) Isophorone	7.698	82	442047	46.530	ng		99
26) 2-Nitrophenol	7.775	139	113640	47.179	ng		97
27) 2,4-Dimethylphenol	7.816	122	177052	55.725	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	252039	46.550	ng		98
29) 2,4-Dichlorophenol	8.016	162	183620	45.492	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	194191	41.291	ng		99
31) Naphthalene	8.187	128	632097	42.875	ng		99
32) Benzoic acid	7.940	122	123175	41.426	ng		97
33) 4-Chloroaniline	8.228	127	142650	31.628	ng		100
34) Hexachlorobutadiene	8.298	225	133640	41.826	ng		99
35) Caprolactam	8.604	113	55664m	44.832	ng		
36) 4-Chloro-3-methylphenol	8.710	107	206095	44.677	ng		100
37) 2-Methylnaphthalene	8.875	142	415646	44.417	ng		100
38) 1-Methylnaphthalene	8.975	142	391671	42.632	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	202798	43.923	ng		98
41) Hexachlorocyclopentadiene	9.028	237	261586	162.264	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	139635	46.485	ng		98

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44) 2,4,5-Trichlorophenol	9.192	196	140219	44.253	ng	98
46) 1,1'-Biphenyl	9.339	154	526979	43.969	ng	99
47) 2-Chloronaphthalene	9.363	162	390734	43.602	ng	99
48) 2-Nitroaniline	9.457	65	148568	44.573	ng	98
49) Acenaphthylene	9.781	152	641141	47.529	ng	100
50) Dimethylphthalate	9.639	163	462992	45.280	ng	100
51) 2,6-Dinitrotoluene	9.698	165	100407	44.326	ng	98
52) Acenaphthene	9.951	154	471974	50.131	ng	99
53) 3-Nitroaniline	9.869	138	75186	33.213	ng	96
54) 2,4-Dinitrophenol	9.975	184	122002	96.658	ng	94
55) Dibenzofuran	10.122	168	589071	44.891	ng	97
56) 4-Nitrophenol	10.034	139	157186	83.914	ng	89
57) 2,4-Dinitrotoluene	10.104	165	136057	44.490	ng	99
58) Fluorene	10.463	166	470840	43.976	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	119476	45.582	ng	98
60) Diethylphthalate	10.339	149	479895	45.479	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	229009	44.012	ng	96
62) 4-Nitroaniline	10.486	138	100792	40.796	ng	94
63) Azobenzene	10.616	77	477578	46.017	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	74660	49.758	ng	98
66) n-Nitrosodiphenylamine	10.575	169	395217	47.549	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	132947	47.190	ng	98
68) Hexachlorobenzene	11.010	284	148576	44.935	ng	99
69) Atrazine	11.098	200	128851	65.116	ng	98
70) Pentachlorophenol	11.204	266	172152	86.770	ng	100
71) Phenanthrene	11.428	178	634553	46.264	ng	99
72) Anthracene	11.480	178	651859	48.608	ng	100
73) Carbazole	11.633	167	564613	43.990	ng	99
74) Di-n-butylphthalate	11.957	149	708198	49.531	ng	99
75) Fluoranthene	12.610	202	632948	43.212	ng	99
77) Benzidine	12.733	184	156629	74.333	ng	100
78) Pyrene	12.839	202	636542	50.406	ng	100
80) Butylbenzylphthalate	13.457	149	230838	53.704	ng	97
81) Benzo(a)anthracene	14.027	228	465430	47.775	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	113027	39.617	ng	99
83) Chrysene	14.063	228	412753	46.052	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	300292	54.917	ng	100
85) Di-n-octyl phthalate	14.627	149	448271	55.666	ng	98
87) Indeno(1,2,3-cd)pyrene	16.980	276	405240	50.170	ng	99
88) Benzo(b)fluoranthene	15.074	252	421690	50.335	ng	100
89) Benzo(k)fluoranthene	15.104	252	333530	43.179	ng	98
90) Benzo(a)pyrene	15.445	252	355718	51.197	ng	100
91) Dibenzo(a,h)anthracene	16.998	278	332802	49.862	ng	99
92) Benzo(g,h,i)perylene	17.427	276	298711	45.200	ng	99

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

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