Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139420.D
Acq On : 18 Sep 2024 11:39
Operator : RC/JU
Sample : PB163323BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 18 12:00:32 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 :
PB163323BS

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	75057	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	287593	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	158512	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	293215	20.000	ng		0.00
76) Chrysene-d12	14.039	240	152013	20.000	ng		0.00
86) Perylene-d12	15.504	264	140463	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	569384	123.754	ng		0.02
7) Phenol-d6	6.516	99	737998	122.205	ng		0.01
23) Nitrobenzene-d5	7.445	82	506293	82.761	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	208207	123.378	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	946326	83.731	ng		0.00
79) Terphenyl-d14	12.980	244	911392	98.409	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	64262	34.813	ng		98
3) Pyridine	3.522	79	166417	40.891	ng		98
4) n-Nitrosodimethylamine	3.481	42	144584	40.988	ng		94
6) Aniline	6.539	93	213461	46.838	ng	#	71
8) 2-Chlorophenol	6.663	128	214939	45.383	ng		99
9) Benzaldehyde	6.428	77	43886	12.578	ng		98
10) Phenol	6.528	94	274374	44.609	ng		89
11) bis(2-Chloroethyl)ether	6.616	93	200606	42.912	ng		99
12) 1,3-Dichlorobenzene	6.822	146	225655	41.895	ng		98
13) 1,4-Dichlorobenzene	6.898	146	230751	42.394	ng		99
14) 1,2-Dichlorobenzene	7.045	146	220736	42.918	ng		98
15) Benzyl Alcohol	7.022	79	218812	45.415	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	366754	50.906	ng		97
17) 2-Methylphenol	7.133	107	169812	45.129	ng		99
18) Hexachloroethane	7.392	117	89890	43.359	ng		100
19) n-Nitroso-di-n-propyla...	7.292	70	170109	47.534	ng		99
20) 3+4-Methylphenols	7.286	107	226648	44.149	ng		91
22) Acetophenone	7.286	105	313634	41.715	ng		97
24) Nitrobenzene	7.463	77	257058	40.827	ng		100
25) Isophorone	7.698	82	441325	45.615	ng		99
26) 2-Nitrophenol	7.781	139	113866	46.419	ng		93
27) 2,4-Dimethylphenol	7.816	122	175944	54.376	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	251293	45.574	ng		97
29) 2,4-Dichlorophenol	8.022	162	181127	44.064	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	193333	40.366	ng		98
31) Naphthalene	8.186	128	635906	42.354	ng		100
32) Benzoic acid	7.939	122	122481	40.449	ng		98
33) 4-Chloroaniline	8.228	127	103527	22.539	ng		99
34) Hexachlorobutadiene	8.298	225	132265	40.648	ng		99
35) Caprolactam	8.604	113	55715m	44.062	ng		
36) 4-Chloro-3-methylphenol	8.716	107	204080	43.442	ng		96
37) 2-Methylnaphthalene	8.875	142	413081	43.346	ng		100
38) 1-Methylnaphthalene	8.975	142	388960	41.573	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	201633	42.921	ng		98
41) Hexachlorocyclopentadiene	9.027	237	269649	164.393	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	139058	45.498	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	138610	42.994	ng	97
46) 1,1'-Biphenyl	9.339	154	527071	43.221	ng	100
47) 2-Chloronaphthalene	9.363	162	386463	42.385	ng	98
48) 2-Nitroaniline	9.457	65	149938	44.211	ng	96
49) Acenaphthylene	9.780	152	634201	46.207	ng	99
50) Dimethylphthalate	9.639	163	469719	45.149	ng	100
51) 2,6-Dinitrotoluene	9.704	165	100786	43.729	ng	95
52) Acenaphthene	9.951	154	473313	49.410	ng	100
53) 3-Nitroaniline	9.869	138	63802	27.700	ng	95
54) 2,4-Dinitrophenol	9.974	184	122589	95.454	ng	94
55) Dibenzofuran	10.122	168	587990	44.039	ng	98
56) 4-Nitrophenol	10.033	139	162482	85.252	ng	87
57) 2,4-Dinitrotoluene	10.104	165	135337	43.494	ng	99
58) Fluorene	10.463	166	467246	42.891	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	120757	45.279	ng	99
60) Diethylphthalate	10.339	149	481189	44.819	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	228891	43.234	ng	97
62) 4-Nitroaniline	10.486	138	99178	39.453	ng	96
63) Azobenzene	10.616	77	478109	45.276	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	75456	48.759	ng	100
66) n-Nitrosodiphenylamine	10.574	169	397906	46.416	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	134228	46.195	ng	100
68) Hexachlorobenzene	11.010	284	151214	44.342	ng	98
69) Atrazine	11.098	200	131687	64.525	ng	97
70) Pentachlorophenol	11.204	266	177857	86.918	ng	99
71) Phenanthrene	11.427	178	635357	44.913	ng	99
72) Anthracene	11.480	178	651190	47.081	ng	100
73) Carbazole	11.633	167	575253	43.455	ng	99
74) Di-n-butylphthalate	11.957	149	714061	48.422	ng	100
75) Fluoranthene	12.610	202	644057	42.633	ng	99
77) Benzidine	12.733	184	150662	69.178	ng	99
78) Pyrene	12.839	202	647388	49.599	ng	100
80) Butylbenzylphthalate	13.457	149	231990	52.218	ng	98
81) Benzo(a)anthracene	14.027	228	469708	46.648	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	101146	34.301	ng	99
83) Chrysene	14.062	228	415647	44.868	ng	99
84) Bis(2-ethylhexyl)phtha...	14.009	149	306302	54.196	ng	98
85) Di-n-octyl phthalate	14.627	149	442081	53.113	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	406007	48.610	ng	99
88) Benzo(b)fluoranthene	15.074	252	417158	48.155	ng	99
89) Benzo(k)fluoranthene	15.104	252	334844	41.922	ng	98
90) Benzo(a)pyrene	15.445	252	355564	49.490	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	332283	48.145	ng	99
92) Benzo(g,h,i)perylene	17.427	276	304600	44.574	ng	98

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

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