Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
Data File : BF139597.D
Acq On : 02 Oct 2024 10:42
Operator : RC/JU
Sample : PB163784BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 02 11:23:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB163784BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	119575	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	460286	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	270657	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	518410	20.000	ng	0.00
76) Chrysene-d12	14.033	240	293993	20.000	ng	0.00
86) Perylene-d12	15.504	264	254647	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	803609	116.484	ng	0.01
7) Phenol-d6	6.504	99	1068371	115.157	ng	0.00
23) Nitrobenzene-d5	7.434	82	711005	78.209	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	306811	117.428	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1327049	75.271	ng	0.00
79) Terphenyl-d14	12.980	244	1492425	83.295	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	108367	36.332	ng	99
3) Pyridine	3.481	79	287400	39.619	ng	99
4) n-Nitrosodimethylamine	3.446	42	197377	41.568	ng	99
6) Aniline	6.534	93	352988	42.877	ng	96
8) 2-Chlorophenol	6.651	128	321355	43.477	ng	99
9) Benzaldehyde	6.416	77	56167	11.429	ng	99
10) Phenol	6.516	94	419263	42.978	ng	92
11) bis(2-Chloroethyl)ether	6.604	93	321243	40.444	ng	98
12) 1,3-Dichlorobenzene	6.810	146	329179	39.589	ng	99
13) 1,4-Dichlorobenzene	6.887	146	335669	39.859	ng	99
14) 1,2-Dichlorobenzene	7.034	146	318523	40.356	ng	99
15) Benzyl Alcohol	7.010	79	308467	43.516	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	585312	42.566	ng	94
17) 2-Methylphenol	7.122	107	262408	42.526	ng	99
18) Hexachloroethane	7.375	117	126272	40.199	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	247561	41.505	ng	100
20) 3+4-Methylphenols	7.275	107	328749	42.417	ng	95
22) Acetophenone	7.281	105	444609	40.694	ng	99
24) Nitrobenzene	7.451	77	373734	39.700	ng	99
25) Isophorone	7.692	82	678162	42.000	ng	100
26) 2-Nitrophenol	7.769	139	170995	42.252	ng	99
27) 2,4-Dimethylphenol	7.804	122	256533m	51.780	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	398709	41.351	ng	99
29) 2,4-Dichlorophenol	8.010	162	272748	42.207	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	281416	38.508	ng	99
31) Naphthalene	8.175	128	947875	40.277	ng	100
32) Benzoic acid	7.940	122	206393	41.896	ng	98
33) 4-Chloroaniline	8.222	127	174174	21.865	ng	100
34) Hexachlorobutadiene	8.287	225	184036	38.914	ng	99
35) Caprolactam	8.598	113	91584m	43.210	ng	
36) 4-Chloro-3-methylphenol	8.704	107	314420	42.982	ng	97
37) 2-Methylnaphthalene	8.863	142	626749	40.891	ng	99
38) 1-Methylnaphthalene	8.963	142	584113	38.987	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	293755	39.085	ng	99
41) Hexachlorocyclopentadiene	9.016	237	361388	156.816	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	208648	41.181	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	219887	40.244	ng	97
46) 1,1'-Biphenyl	9.328	154	796035	39.544	ng	100
47) 2-Chloronaphthalene	9.351	162	595738	39.475	ng	99
48) 2-Nitroaniline	9.451	65	230810	42.606	ng	99
49) Acenaphthylene	9.769	152	988658	43.078	ng	100
50) Dimethylphthalate	9.634	163	743799	41.981	ng	100
51) 2,6-Dinitrotoluene	9.692	165	160755	40.166	ng	100
52) Acenaphthene	9.939	154	705904m	44.803	ng	
53) 3-Nitroaniline	9.863	138	122170	29.870	ng	96
54) 2,4-Dinitrophenol	9.975	184	197269	91.638	ng	98
55) Dibenzofuran	10.116	168	895699	40.603	ng	100
56) 4-Nitrophenol	10.034	139	267202	85.670	ng	97
57) 2,4-Dinitrotoluene	10.098	165	218390	41.745	ng	97
58) Fluorene	10.457	166	707842	40.286	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	189241	42.882	ng	100
60) Diethylphthalate	10.333	149	761617	41.618	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	349816	39.796	ng	99
62) 4-Nitroaniline	10.481	138	170581	40.774	ng	98
63) Azobenzene	10.604	77	778580	42.306	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	123450	42.164	ng	96
66) n-Nitrosodiphenylamine	10.569	169	635874	41.613	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	213739	40.212	ng	98
68) Hexachlorobenzene	11.004	284	234513	39.761	ng	99
69) Atrazine	11.098	200	206920	50.470	ng	99
70) Pentachlorophenol	11.198	266	271246	77.234	ng	99
71) Phenanthrene	11.422	178	1016041	41.567	ng	100
72) Anthracene	11.469	178	1033189	42.726	ng	100
73) Carbazole	11.628	167	949855	40.897	ng	99
74) Di-n-butylphthalate	11.951	149	1201269	42.533	ng	100
75) Fluoranthene	12.604	202	1093747	40.933	ng	100
77) Benzidine	12.727	184	293282	56.556	ng	100
78) Pyrene	12.833	202	1113269	42.339	ng	99
80) Butylbenzylphthalate	13.451	149	432504	45.985	ng	99
81) Benzo(a)anthracene	14.021	228	832376	43.064	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	191128	32.310	ng	99
83) Chrysene	14.063	228	715240	40.474	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	551932	46.995	ng	99
85) Di-n-octyl phthalate	14.621	149	795338	46.096	ng	100
87) Indeno(1,2,3-cd)pyrene	16.980	276	698605	46.611	ng	100
88) Benzo(b)fluoranthene	15.074	252	621588	37.752	ng	100
89) Benzo(k)fluoranthene	15.104	252	625986	44.820	ng	100
90) Benzo(a)pyrene	15.439	252	579319	44.622	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	570975	45.931	ng	99
92) Benzo(g,h,i)perylene	17.427	276	531465	42.629	ng	100

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

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