Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140490.D
Acq On : 20 Nov 2024 10:23
Operator : RC/JU
Sample : PB165039BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 20 11:10:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB165039BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
11/22/2024
Supervised By :mohammad ahmed
11/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	123122	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	469130	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	266786	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	499057	20.000	ng		0.00
76) Chrysene-d12	14.057	240	288313	20.000	ng		0.00
86) Perylene-d12	15.569	264	231323	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	873274	121.101	ng		0.02
7) Phenol-d6	6.516	99	1144626	117.158	ng		0.01
23) Nitrobenzene-d5	7.440	82	748263	83.104	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	344061	129.689	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1401959	84.477	ng		0.00
79) Terphenyl-d14	12.986	244	1573985	94.762	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	120086	37.364	ng		99
3) Pyridine	3.493	79	306476	38.788	ng		99
4) n-Nitrosodimethylamine	3.446	42	168551	42.208	ng		99
6) Aniline	6.540	93	334674	39.378	ng	#	59
8) 2-Chlorophenol	6.663	128	351794	45.415	ng		97
9) Benzaldehyde	6.428	77	225132	38.448	ng		97
10) Phenol	6.528	94	444934	43.184	ng		84
11) bis(2-Chloroethyl)ether	6.610	93	339985	43.550	ng		100
12) 1,3-Dichlorobenzene	6.816	146	358353	41.929	ng		99
13) 1,4-Dichlorobenzene	6.893	146	367350	42.389	ng		99
14) 1,2-Dichlorobenzene	7.046	146	353286	43.913	ng		98
15) Benzyl Alcohol	7.016	79	319937	45.452	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.146	45	445198	41.286	ng		72
17) 2-Methylphenol	7.134	107	277897	43.611	ng	#	93
18) Hexachloroethane	7.381	117	136773	42.691	ng		95
19) n-Nitroso-di-n-propyla...	7.287	70	248880	42.178	ng		99
20) 3+4-Methylphenols	7.287	107	348702	43.757	ng		96
22) Acetophenone	7.281	105	462395	42.379	ng		98
24) Nitrobenzene	7.457	77	385664	41.139	ng		99
25) Isophorone	7.693	82	691142	43.311	ng		100
26) 2-Nitrophenol	7.769	139	185887	44.684	ng		98
27) 2,4-Dimethylphenol	7.810	122	287663	54.012	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	423430	43.274	ng		100
29) 2,4-Dichlorophenol	8.016	162	294883	44.800	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	303866	41.465	ng		99
31) Naphthalene	8.175	128	1021057	42.905	ng		100
32) Benzoic acid	7.940	122	196648	41.961	ng		97
33) 4-Chloroaniline	8.228	127	187809	22.692	ng		98
34) Hexachlorobutadiene	8.293	225	198317	42.474	ng		99
35) Caprolactam	8.592	113	96402m	44.065	ng		
36) 4-Chloro-3-methylphenol	8.716	107	326768	44.797	ng		99
37) 2-Methylnaphthalene	8.869	142	670405	43.933	ng		100
38) 1-Methylnaphthalene	8.969	142	621859	41.615	ng		100
40) 1,2,4,5-Tetrachloroben...	9.034	216	316611	42.916	ng		99
41) Hexachlorocyclopentadiene	9.016	237	296374	156.464	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	213600	44.118	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.198	196	225620	42.623	ng	98
46)	1,1'-Biphenyl	9.334	154	831455	42.839	ng	99
47)	2-Chloronaphthalene	9.357	162	619595	41.908	ng	99
48)	2-Nitroaniline	9.457	65	213573	43.558	ng	99
49)	Acenaphthylene	9.775	152	1032642	46.164	ng	100
50)	Dimethylphthalate	9.634	163	767413	44.131	ng	100
51)	2,6-Dinitrotoluene	9.698	165	169885	42.853	ng	96
52)	Acenaphthene	9.945	154	742616m	49.152	ng	
53)	3-Nitroaniline	9.869	138	119399	28.679	ng	98
54)	2,4-Dinitrophenol	9.981	184	182599	89.319	ng	99
55)	Dibenzofuran	10.122	168	945064	44.186	ng	99
56)	4-Nitrophenol	10.045	139	247829	81.609	ng	98
57)	2,4-Dinitrotoluene	10.104	165	224954	43.116	ng	98
58)	Fluorene	10.463	166	730865	43.256	ng	99
59)	2,3,4,6-Tetrachlorophenol	10.239	232	189017	45.224	ng	99
60)	Diethylphthalate	10.334	149	766473	43.105	ng	100
61)	4-Chlorophenyl-phenyle...	10.451	204	361576	43.346	ng	99
62)	4-Nitroaniline	10.486	138	178376	41.903	ng	100
63)	Azobenzene	10.610	77	752699	42.842	ng	99
65)	4,6-Dinitro-2-methylph...	10.516	198	127111	47.340	ng	97
66)	n-Nitrosodiphenylamine	10.575	169	647570	44.909	ng	100
67)	4-Bromophenyl-phenylether	10.945	248	219858	44.072	ng	98
68)	Hexachlorobenzene	11.010	284	248327	44.242	ng	99
69)	Atrazine	11.098	200	215817	49.470	ng	99
70)	Pentachlorophenol	11.210	266	254817	84.279	ng	98
71)	Phenanthrene	11.428	178	1042842	44.483	ng	100
72)	Anthracene	11.481	178	1077211	46.884	ng	100
73)	Carbazole	11.633	167	988923	43.591	ng	100
74)	Di-n-butylphthalate	11.957	149	1206217	44.299	ng	100
75)	Fluoranthene	12.616	202	1154082	43.879	ng	99
77)	Benzidine	12.739	184	262307	23.705	ng	99
78)	Pyrene	12.845	202	1156753	46.905	ng	99
80)	Butylbenzylphthalate	13.457	149	457787	48.322	ng	99
81)	Benzo(a)anthracene	14.045	228	887946	46.861	ng	100
82)	3,3'-Dichlorobenzidine	14.004	252	173127	28.745	ng	99
83)	Chrysene	14.086	228	759099	43.906	ng	100
84)	Bis(2-ethylhexyl)phtha...	14.027	149	593875	46.964	ng	99
85)	Di-n-octyl phthalate	14.663	149	793712	44.567	ng	99
87)	Indeno(1,2,3-cd)pyrene	17.086	276	721322	50.479	ng	100
88)	Benzo(b)fluoranthene	15.127	252	644433	42.587	ng	100
89)	Benzo(k)fluoranthene	15.163	252	571544	46.235	ng	100
90)	Benzo(a)pyrene	15.504	252	573657	48.818	ng	99
91)	Dibenzo(a,h)anthracene	17.098	278	591563	50.083	ng	100
92)	Benzo(g,h,i)perylene	17.539	276	560505	46.417	ng	99

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

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