Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120324\
Data File : BF140708.D
Acq On : 03 Dec 2024 14:06
Operator : RC/JU
Sample : PB165339BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 03 14:25:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB165339BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay
12/03/2024
Supervised By :mohammad ahmed
12/05/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	81217	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	305123	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	179756	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	350198	20.000	ng		0.00
76) Chrysene-d12	14.057	240	269342	20.000	ng		0.00
86) Perylene-d12	15.557	264	213445	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	617530	129.731	ng		0.01
7) Phenol-d6	6.516	99	794909	126.318	ng		0.00
23) Nitrobenzene-d5	7.434	82	523343	87.732	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	265247	137.970	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1060015	87.861	ng		0.00
79) Terphenyl-d14	12.986	244	1490655	86.178	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	80958	40.451	ng		97
3) Pyridine	3.493	79	192261	43.661	ng		99
4) n-Nitrosodimethylamine	3.446	42	111526	43.093	ng		97
6) Aniline	6.534	93	202421	45.700	ng	#	85
8) 2-Chlorophenol	6.657	128	247519	48.333	ng		96
9) Benzaldehyde	6.422	77	38757	11.634	ng		97
10) Phenol	6.528	94	306010	47.616	ng		99
11) bis(2-Chloroethyl)ether	6.604	93	231870	47.148	ng		99
12) 1,3-Dichlorobenzene	6.810	146	260207	45.219	ng		99
13) 1,4-Dichlorobenzene	6.887	146	264475	45.392	ng		100
14) 1,2-Dichlorobenzene	7.040	146	251758	46.113	ng		100
15) Benzyl Alcohol	7.016	79	224454	48.096	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	281750	48.495	ng		89
17) 2-Methylphenol	7.128	107	193412	47.180	ng		98
18) Hexachloroethane	7.375	117	98702	45.357	ng		98
19) n-Nitroso-di-n-propyla...	7.281	70	176750	47.525	ng		97
20) 3+4-Methylphenols	7.281	107	251535	47.737	ng		94
22) Acetophenone	7.281	105	339804	45.680	ng		98
24) Nitrobenzene	7.451	77	272788	44.246	ng		100
25) Isophorone	7.693	82	479205	48.164	ng		100
26) 2-Nitrophenol	7.769	139	131234	48.033	ng		99
27) 2,4-Dimethylphenol	7.804	122	198754m	60.800	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	288661	47.624	ng		100
29) 2,4-Dichlorophenol	8.016	162	209278	48.314	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	223660	45.223	ng		99
31) Naphthalene	8.175	128	733423	46.666	ng		99
32) Benzoic acid	7.945	122	93477	35.128	ng		99
33) 4-Chloroaniline	8.222	127	103708	22.039	ng		99
34) Hexachlorobutadiene	8.287	225	150536	45.953	ng		99
35) Caprolactam	8.598	113	64424m	48.059	ng		
36) 4-Chloro-3-methylphenol	8.716	107	234437	48.339	ng		99
37) 2-Methylnaphthalene	8.863	142	487118	48.797	ng		100
38) 1-Methylnaphthalene	8.963	142	451575	46.151	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	237871	45.202	ng		99
41) Hexachlorocyclopentadiene	9.010	237	202708	163.043	ng		97
43) 2,4,6-Trichlorophenol	9.145	196	147937	44.801	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	160427	44.766	ng	96
46) 1,1'-Biphenyl	9.328	154	617020	45.975	ng	99
47) 2-Chloronaphthalene	9.357	162	450215	44.272	ng	98
48) 2-Nitroaniline	9.457	65	146422	44.858	ng	96
49) Acenaphthylene	9.769	152	759500	49.431	ng	99
50) Dimethylphthalate	9.628	163	569539	48.109	ng	100
51) 2,6-Dinitrotoluene	9.698	165	122400	45.588	ng	94
52) Acenaphthene	9.945	154	458881	47.003	ng	99
53) 3-Nitroaniline	9.869	138	71921	27.388	ng	97
54) 2,4-Dinitrophenol	9.986	184	106655	77.023	ng	95
55) Dibenzofuran	10.116	168	686673	46.112	ng	99
56) 4-Nitrophenol	10.045	139	156201	87.218	ng	97
57) 2,4-Dinitrotoluene	10.104	165	167942	47.064	ng	97
58) Fluorene	10.457	166	559228	46.786	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	145934	52.986	ng	90
60) Diethylphthalate	10.328	149	586598	48.768	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	281107	47.922	ng	99
62) 4-Nitroaniline	10.486	138	127699	46.366	ng	97
63) Azobenzene	10.610	77	554902	48.715	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	86585	48.384	ng	94
66) n-Nitrosodiphenylamine	10.569	169	484358	46.770	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	170333	47.229	ng	96
68) Hexachlorobenzene	11.010	284	191386	45.830	ng	99
69) Atrazine	11.098	200	168033	57.675	ng	98
70) Pentachlorophenol	11.210	266	154454	84.036	ng	99
71) Phenanthrene	11.428	178	825272	49.025	ng	99
72) Anthracene	11.480	178	837432	50.857	ng	100
73) Carbazole	11.633	167	777485	49.081	ng	100
74) Di-n-butylphthalate	11.951	149	972680	53.186	ng	100
75) Fluoranthene	12.616	202	1058333	57.905	ng	99
77) Benzidine	12.739	184	324056	41.381	ng	99
78) Pyrene	12.845	202	1071531	43.026	ng	100
80) Butylbenzylphthalate	13.457	149	449351	50.087	ng	99
81) Benzo(a)anthracene	14.045	228	889220	49.874	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	159709	29.835	ng	99
83) Chrysene	14.080	228	795825	48.815	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	641770	56.652	ng	99
85) Di-n-octyl phthalate	14.645	149	1014084	65.503	ng	98
87) Indeno(1,2,3-cd)pyrene	17.080	276	688790	49.518	ng	97
88) Benzo(b)fluoranthene	15.116	252	687018	51.244	ng	98
89) Benzo(k)fluoranthene	15.145	252	543623	46.336	ng	99
90) Benzo(a)pyrene	15.492	252	543066	49.819	ng	98
91) Dibenzo(a,h)anthracene	17.086	278	561188	49.263	ng	99
92) Benzo(g,h,i)perylene	17.533	276	548043	47.145	ng	96

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

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