Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
Data File : BF139739.D
Acq On : 10 Oct 2024 11:32
Operator : RC/JU
Sample : PB164011BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 10 12:07:08 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 :
PB164011BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	105745	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	410277	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	246554	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	472713	20.000	ng		0.00
76) Chrysene-d12	14.039	240	254740	20.000	ng		0.00
86) Perylene-d12	15.510	264	208551	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	822072	134.744	ng		0.02
7) Phenol-d6	6.510	99	1094270	133.374	ng		0.00
23) Nitrobenzene-d5	7.434	82	723002	89.222	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	313677	131.793	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1363605	84.906	ng		0.00
79) Terphenyl-d14	12.980	244	1563577	100.713	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.746	88	105459	39.981	ng		97
3) Pyridine	3.493	79	277513	43.260	ng		97
4) n-Nitrosodimethylamine	3.452	42	184905	44.035	ng		96
6) Aniline	6.534	93	345111	47.402	ng	#	72
8) 2-Chlorophenol	6.657	128	316809	48.468	ng		98
9) Benzaldehyde	6.422	77	94389	21.718	ng		98
10) Phenol	6.528	94	413093	47.883	ng		77
11) bis(2-Chloroethyl)ether	6.604	93	315768	44.954	ng		99
12) 1,3-Dichlorobenzene	6.810	146	325134	44.216	ng		99
13) 1,4-Dichlorobenzene	6.887	146	330197	44.337	ng		99
14) 1,2-Dichlorobenzene	7.040	146	313356	44.894	ng		99
15) Benzyl Alcohol	7.016	79	305223	48.689	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	562922	46.292	ng		73
17) 2-Methylphenol	7.128	107	257783	47.240	ng		98
18) Hexachloroethane	7.381	117	122712	44.175	ng		98
19) n-Nitroso-di-n-propyla...	7.287	70	241980	45.875	ng		98
20) 3+4-Methylphenols	7.281	107	324477	47.341	ng		94
22) Acetophenone	7.281	105	438070	44.982	ng		97
24) Nitrobenzene	7.457	77	362491	43.200	ng		99
25) Isophorone	7.693	82	673391	46.787	ng		99
26) 2-Nitrophenol	7.769	139	174603	48.403	ng		99
27) 2,4-Dimethylphenol	7.810	122	253406m	57.383	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	394904	45.949	ng		99
29) 2,4-Dichlorophenol	8.016	162	274556	47.666	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	279986	42.982	ng		100
31) Naphthalene	8.175	128	931709	44.416	ng		99
32) Benzoic acid	7.951	122	205528	46.805	ng		99
33) 4-Chloroaniline	8.222	127	156268	22.008	ng		98
34) Hexachlorobutadiene	8.287	225	180253	42.760	ng		99
35) Caprolactam	8.604	113	93222m	49.344	ng		
36) 4-Chloro-3-methylphenol	8.716	107	308389	47.296	ng		98
37) 2-Methylnaphthalene	8.863	142	632000	46.259	ng		99
38) 1-Methylnaphthalene	8.963	142	583951	43.727	ng		99
40) 1,2,4,5-Tetrachloroben...	9.034	216	293335	42.845	ng		99
41) Hexachlorocyclopentadiene	9.016	237	316449	150.740	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	205767	44.583	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	217024	43.603	ng	99
46) 1,1'-Biphenyl	9.328	154	793086	43.249	ng	100
47) 2-Chloronaphthalene	9.357	162	585706	42.605	ng	99
48) 2-Nitroaniline	9.457	65	222707	45.129	ng	96
49) Acenaphthylene	9.769	152	973535	46.566	ng	100
50) Dimethylphthalate	9.634	163	748012	46.346	ng	100
51) 2,6-Dinitrotoluene	9.698	165	160987	44.156	ng	93
52) Acenaphthene	9.945	154	701572m	48.881	ng	
53) 3-Nitroaniline	9.869	138	112573	30.215	ng	98
54) 2,4-Dinitrophenol	9.981	184	194544	99.207	ng	96
55) Dibenzofuran	10.116	168	883394	43.960	ng	100
56) 4-Nitrophenol	10.039	139	253990	89.394	ng	95
57) 2,4-Dinitrotoluene	10.104	165	216262	45.380	ng	96
58) Fluorene	10.457	166	703924	43.980	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.234	232	187322	46.597	ng	98
60) Diethylphthalate	10.334	149	762903	45.764	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	350772	43.806	ng	99
62) 4-Nitroaniline	10.486	138	177325	46.530	ng	97
63) Azobenzene	10.610	77	752821	44.905	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	125632	47.057	ng	96
66) n-Nitrosodiphenylamine	10.569	169	636814	45.703	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	211443	43.626	ng	99
68) Hexachlorobenzene	11.004	284	234115	43.530	ng	99
69) Atrazine	11.098	200	216871	58.010	ng	99
70) Pentachlorophenol	11.204	266	266849	83.327	ng	100
71) Phenanthrene	11.422	178	1015445	45.559	ng	100
72) Anthracene	11.475	178	1046680	47.468	ng	100
73) Carbazole	11.628	167	955675	45.125	ng	100
74) Di-n-butylphthalate	11.951	149	1223550	47.510	ng	100
75) Fluoranthene	12.610	202	1096212	44.991	ng	99
77) Benzidine	12.727	184	366415	81.547	ng	100
78) Pyrene	12.839	202	1115458	48.959	ng	99
80) Butylbenzylphthalate	13.451	149	433807	53.231	ng	99
81) Benzo(a)anthracene	14.027	228	793032	47.350	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	176700	34.473	ng	99
83) Chrysene	14.069	228	732875	47.862	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	569599	55.973	ng	99
85) Di-n-octyl phthalate	14.621	149	790251	52.859	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	643244	52.403	ng	99
88) Benzo(b)fluoranthene	15.080	252	570507	42.308	ng	99
89) Benzo(k)fluoranthene	15.110	252	569315	49.772	ng	100
90) Benzo(a)pyrene	15.451	252	532772	50.108	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	528652	51.926	ng	99
92) Benzo(g,h,i)perylene	17.445	276	496260	48.603	ng	100

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

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