Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101524\
Data File : BF139815.D
Acq On : 15 Oct 2024 16:36
Operator : RC/JU
Sample : PB164157BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 15 17:13:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 16:41:54 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB164157BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	104700	20.000	ng		0.00
21) Naphthalene-d8	8.133	136	404007	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	228692	20.000	ng		0.00
64) Phenanthrene-d10	11.374	188	390235	20.000	ng		0.00
76) Chrysene-d12	14.015	240	169025	20.000	ng		0.00
86) Perylene-d12	15.480	264	216444	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	713876	115.044	ng		0.01
7) Phenol-d6	6.492	99	943670	114.350	ng		0.00
23) Nitrobenzene-d5	7.416	82	609081	77.597	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	224738	116.520	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	1114100	72.864	ng		0.00
79) Terphenyl-d14	12.957	244	866374	104.967	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	95049	35.203	ng		98
3) Pyridine	3.440	79	248921	37.672	ng		99
4) n-Nitrosodimethylamine	3.398	42	159187	40.567	ng		99
6) Aniline	6.516	93	282273	39.698	ng	#	76
8) 2-Chlorophenol	6.639	128	273121	41.689	ng		98
9) Benzaldehyde	6.404	77	81956	17.681	ng		99
10) Phenol	6.504	94	355269	41.012	ng		96
11) bis(2-Chloroethyl)ether	6.592	93	267739	41.446	ng		98
12) 1,3-Dichlorobenzene	6.792	146	284116	38.355	ng		99
13) 1,4-Dichlorobenzene	6.869	146	287651	38.711	ng		99
14) 1,2-Dichlorobenzene	7.022	146	274840	39.864	ng		99
15) Benzyl Alcohol	6.998	79	252235	42.466	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	473014	41.783	ng		99
17) 2-Methylphenol	7.110	107	218925	41.307	ng		98
18) Hexachloroethane	7.363	117	105707	39.266	ng		98
19) n-Nitroso-di-n-propyla...	7.269	70	200001	41.617	ng		99
20) 3+4-Methylphenols	7.263	107	273949	41.107	ng		99
22) Acetophenone	7.263	105	370473	39.074	ng		98
24) Nitrobenzene	7.439	77	305884	37.381	ng		99
25) Isophorone	7.675	82	550668	41.109	ng		100
26) 2-Nitrophenol	7.751	139	145260	40.771	ng		97
27) 2,4-Dimethylphenol	7.792	122	208132m	48.075	ng		
28) bis(2-Chloroethoxy)met...	7.886	93	324476	39.469	ng		99
29) 2,4-Dichlorophenol	7.998	162	226721	40.380	ng		98
30) 1,2,4-Trichlorobenzene	8.075	180	238636	37.330	ng		100
31) Naphthalene	8.157	128	799708	38.408	ng		100
32) Benzoic acid	7.922	122	156899	39.252	ng		99
33) 4-Chloroaniline	8.204	127	150899	22.099	ng		99
34) Hexachlorobutadiene	8.269	225	151361	37.314	ng		100
35) Caprolactam	8.580	113	68110m	42.966	ng		
36) 4-Chloro-3-methylphenol	8.692	107	244789	41.054	ng		99
37) 2-Methylnaphthalene	8.845	142	516367	39.556	ng		98
38) 1-Methylnaphthalene	8.945	142	479981	37.768	ng		100
40) 1,2,4,5-Tetrachloroben...	9.016	216	243003	36.584	ng		98
41) Hexachlorocyclopentadiene	8.998	237	236806	138.022	ng		100
43) 2,4,6-Trichlorophenol	9.127	196	162563	38.498	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	165548	36.587	ng	98
46) 1,1'-Biphenyl	9.310	154	640130	37.021	ng	99
47) 2-Chloronaphthalene	9.339	162	476369	36.058	ng	99
48) 2-Nitroaniline	9.433	65	170638	39.562	ng	99
49) Acenaphthylene	9.751	152	785202	40.469	ng	100
50) Dimethylphthalate	9.616	163	557601	39.833	ng	100
51) 2,6-Dinitrotoluene	9.680	165	122123	38.235	ng	99
52) Acenaphthene	9.927	154	483021	39.298	ng	99
53) 3-Nitroaniline	9.845	138	83445	26.204	ng	99
54) 2,4-Dinitrophenol	9.957	184	118233	91.089	ng	98
55) Dibenzofuran	10.098	168	710143	38.531	ng	100
56) 4-Nitrophenol	10.016	139	169076	88.194	ng	99
57) 2,4-Dinitrotoluene	10.086	165	158684	40.242	ng	96
58) Fluorene	10.439	166	547024	38.136	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	142972	42.492	ng	98
60) Diethylphthalate	10.310	149	548205	40.253	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	267981	37.809	ng	100
62) 4-Nitroaniline	10.463	138	116739	40.081	ng	100
63) Azobenzene	10.592	77	571173	40.229	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	83758	40.911	ng	98
66) n-Nitrosodiphenylamine	10.551	169	468566	37.960	ng	99
67) 4-Bromophenyl-phenylether	10.921	248	157159	37.381	ng	99
68) Hexachlorobenzene	10.986	284	174159	37.031	ng	99
69) Atrazine	11.074	200	138727	60.201	ng	98
70) Pentachlorophenol	11.186	266	162338	80.713	ng	98
71) Phenanthrene	11.404	178	729100	39.114	ng	100
72) Anthracene	11.451	178	739749	40.388	ng	99
73) Carbazole	11.610	167	621097	38.327	ng	100
74) Di-n-butylphthalate	11.933	149	730597	41.491	ng	99
75) Fluoranthene	12.586	202	654227	37.199	ng	100
77) Benzidine	12.710	184	156606	55.465	ng	98
78) Pyrene	12.815	202	649667	39.099	ng	99
80) Butylbenzylphthalate	13.433	149	190026	42.185	ng	100
81) Benzo(a)anthracene	14.004	228	446599	39.779	ng	100
82) 3,3'-Dichlorobenzidine	13.968	252	98739	26.395	ng	98
83) Chrysene	14.039	228	411021	40.166	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	232320	39.983	ng	100
85) Di-n-octyl phthalate	14.598	149	431249	39.893	ng	98
87) Indeno(1,2,3-cd)pyrene	16.956	276	572773	39.518	ng	100
88) Benzo(b)fluoranthene	15.051	252	494597	39.838	ng	98
89) Benzo(k)fluoranthene	15.080	252	408129	37.042	ng	100
90) Benzo(a)pyrene	15.421	252	452266	41.706	ng	100
91) Dibenzo(a,h)anthracene	16.968	278	465968	39.204	ng	100
92) Benzo(g,h,i)perylene	17.398	276	436333	35.001	ng	99

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

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