Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140874.D
Acq On : 17 Dec 2024 10:16
Operator : RC/JU
Sample : PB165543BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 17 11:07:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB165543BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	81635	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	280592	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	155591	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	294609	20.000	ng	0.00
76) Chrysene-d12	14.027	240	199900	20.000	ng	0.00
86) Perylene-d12	15.509	264	193215	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	686559	138.446	ng	0.01
7) Phenol-d6	6.498	99	844333	128.547	ng	0.00
23) Nitrobenzene-d5	7.416	82	580996	103.595	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	253223	137.606	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1182609	104.499	ng	0.00
79) Terphenyl-d14	12.957	244	1203412	94.929	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.704	88	74491	34.874	ng	98
3) Pyridine	3.481	79	210335	42.520	ng	99
4) n-Nitrosodimethylamine	3.428	42	113022	45.322	ng	96
6) Aniline	6.516	93	244057	43.457	ng	88
8) 2-Chlorophenol	6.645	128	260545	48.179	ng	100
9) Benzaldehyde	6.410	77	64865	17.823	ng	99
10) Phenol	6.516	94	324485	47.665	ng	98
11) bis(2-Chloroethyl)ether	6.587	93	246770	48.607	ng	100
12) 1,3-Dichlorobenzene	6.786	146	276953	44.944	ng	99
13) 1,4-Dichlorobenzene	6.863	146	284308	45.453	ng	98
14) 1,2-Dichlorobenzene	7.016	146	278951	47.267	ng	99
15) Benzyl Alcohol	6.998	79	242474	51.630	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	336386	56.246	ng	88
17) 2-Methylphenol	7.116	107	228688	52.967	ng	99
18) Hexachloroethane	7.351	117	115950	49.794	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	208186	52.839	ng	98
20) 3+4-Methylphenols	7.269	107	300552	52.497	ng	97
22) Acetophenone	7.263	105	402979	57.412	ng	98
24) Nitrobenzene	7.434	77	296663	51.633	ng	98
25) Isophorone	7.675	82	571823	60.851	ng	100
26) 2-Nitrophenol	7.751	139	156129	59.001	ng	98
27) 2,4-Dimethylphenol	7.792	122	204352	66.125	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	281687	47.994	ng	99
29) 2,4-Dichlorophenol	7.998	162	205077	48.066	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	214023	43.758	ng	99
31) Naphthalene	8.151	128	705837	45.794	ng	100
32) Benzoic acid	7.945	122	123579	42.164	ng	99
33) 4-Chloroaniline	8.204	127	138953	27.144	ng	100
34) Hexachlorobutadiene	8.263	225	148957	45.266	ng	100
35) Caprolactam	8.586	113	69625m	54.815	ng	
36) 4-Chloro-3-methylphenol	8.704	107	250182	52.098	ng	99
37) 2-Methylnaphthalene	8.839	142	517626	50.768	ng	100
38) 1-Methylnaphthalene	8.939	142	484509	48.050	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	257560	53.857	ng	100
41) Hexachlorocyclopentadiene	8.992	237	133819	78.677	ng	98
43) 2,4,6-Trichlorophenol	9.128	196	155731	53.181	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	171580	53.309	ng	98
46) 1,1'-Biphenyl	9.304	154	642712	51.948	ng	99
47) 2-Chloronaphthalene	9.333	162	467359	49.377	ng	98
48) 2-Nitroaniline	9.439	65	151316	52.934	ng	93
49) Acenaphthylene	9.745	152	717895	51.612	ng	100
50) Dimethylphthalate	9.604	163	600715	54.762	ng	100
51) 2,6-Dinitrotoluene	9.680	165	129453	51.622	ng	92
52) Acenaphthene	9.916	154	434957	48.953	ng	99
53) 3-Nitroaniline	9.851	138	80829	32.479	ng	99
54) 2,4-Dinitrophenol	9.969	184	100714	82.122	ng	96
55) Dibenzofuran	10.092	168	656561	47.687	ng	99
56) 4-Nitrophenol	10.033	139	123520	91.590	ng	91
57) 2,4-Dinitrotoluene	10.086	165	159676	48.394	ng	99
58) Fluorene	10.433	166	544838	47.967	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	137629	52.476	ng	98
60) Diethylphthalate	10.304	149	568650	49.991	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	276640	48.486	ng	98
62) 4-Nitroaniline	10.469	138	121509	46.723	ng	99
63) Azobenzene	10.586	77	523765	48.978	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	83578	50.064	ng	98
66) n-Nitrosodiphenylamine	10.545	169	473438	52.268	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	164913	50.036	ng	96
68) Hexachlorobenzene	10.986	284	179086	47.925	ng	99
69) Atrazine	11.074	200	154663	61.137	ng	98
70) Pentachlorophenol	11.192	266	135210	98.967	ng	99
71) Phenanthrene	11.398	178	757645	50.009	ng	100
72) Anthracene	11.451	178	767193	51.421	ng	100
73) Carbazole	11.610	167	701020	47.970	ng	100
74) Di-n-butylphthalate	11.927	149	877661	51.173	ng	100
75) Fluoranthene	12.592	202	833711	47.783	ng	100
77) Benzidine	12.716	184	234832	57.559	ng	99
78) Pyrene	12.821	202	838060	47.145	ng	100
80) Butylbenzylphthalate	13.427	149	338997	51.828	ng	100
81) Benzo(a)anthracene	14.015	228	708622	50.017	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	156443	36.600	ng	99
83) Chrysene	14.051	228	635894	49.359	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	463598	54.968	ng	99
85) Di-n-octyl phthalate	14.604	149	732853	57.436	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	684832	56.798	ng	100
88) Benzo(b)fluoranthene	15.080	252	628735	46.879	ng	99
89) Benzo(k)fluoranthene	15.104	252	560847	48.749	ng	99
90) Benzo(a)pyrene	15.451	252	560284	53.350	ng	100
91) Dibenzo(a,h)anthracene	17.021	278	566580	56.721	ng	99
92) Benzo(g,h,i)perylene	17.468	276	529403	52.074	ng	100

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

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