Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
Data File : BF140988.D
Acq On : 27 Dec 2024 11:22
Operator : RC/JU
Sample : PB165748BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 27 11:46:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB165748BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	256031	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1040331	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	552720	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	932918	20.000	ng	0.00
76) Chrysene-d12	13.986	240	645009	20.000	ng	0.00
86) Perylene-d12	15.445	264	534877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	2231575	131.384	ng	0.01
7) Phenol-d6	6.451	99	2854092	130.440	ng	0.00
23) Nitrobenzene-d5	7.392	82	1742677	107.171	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	810630	150.932	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	3098400	89.313	ng	0.00
79) Terphenyl-d14	12.933	244	3571796	91.979	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	315629	41.045	ng	99
3) Pyridine	3.399	79	845642	44.999	ng	99
4) n-Nitrosodimethylamine	3.346	42	455405	47.828	ng	99
6) Aniline	6.487	93	913446	46.809	ng	98
8) 2-Chlorophenol	6.610	128	887640	49.568	ng	98
9) Benzaldehyde	6.375	77	185981	11.488	ng	97
10) Phenol	6.469	94	1139898	50.382	ng	97
11) bis(2-Chloroethyl)ether	6.563	93	859288	47.037	ng	99
12) 1,3-Dichlorobenzene	6.769	146	911102	46.101	ng	99
13) 1,4-Dichlorobenzene	6.845	146	915190	45.937	ng	100
14) 1,2-Dichlorobenzene	6.998	146	871910	46.939	ng	99
15) Benzyl Alcohol	6.969	79	769921	48.966	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1364314	49.383	ng	100
17) 2-Methylphenol	7.075	107	731787	49.188	ng	99
18) Hexachloroethane	7.340	117	333385	47.106	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	633982	47.295	ng	99
20) 3+4-Methylphenols	7.228	107	904911	48.065	ng	94
22) Acetophenone	7.240	105	1179702	46.225	ng	99
24) Nitrobenzene	7.410	77	925898	50.958	ng	98
25) Isophorone	7.651	82	1702897	48.126	ng	100
26) 2-Nitrophenol	7.728	139	401259	53.238	ng	98
27) 2,4-Dimethylphenol	7.757	122	740229	57.241	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	1039025	46.346	ng	100
29) 2,4-Dichlorophenol	7.963	162	721730	49.209	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	742329	44.718	ng	100
31) Naphthalene	8.134	128	2492883	45.475	ng	100
32) Benzoic acid	7.875	122	516127	48.418	ng	97
33) 4-Chloroaniline	8.175	127	468867	23.642	ng	100
34) Hexachlorobutadiene	8.251	225	442090	45.174	ng	99
35) Caprolactam	8.539	113	243962m	48.929	ng	
36) 4-Chloro-3-methylphenol	8.651	107	772966	47.456	ng	100
37) 2-Methylnaphthalene	8.822	142	1644932	46.905	ng	99
38) 1-Methylnaphthalene	8.922	142	1525465	44.260	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	701878	46.158	ng	99
41) Hexachlorocyclopentadiene	8.975	237	848794	168.442	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	529341	52.304	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	493831	47.690	ng		99
46) 1,1'-Biphenyl	9.286	154	1992712	47.085	ng		100
47) 2-Chloronaphthalene	9.310	162	1507561	45.930	ng		100
48) 2-Nitroaniline	9.404	65	473005	54.400	ng		95
49) Acenaphthylene	9.728	152	2359994	49.946	ng		100
50) Dimethylphthalate	9.586	163	1774172	48.800	ng		100
51) 2,6-Dinitrotoluene	9.645	165	385281	51.663	ng		98
52) Acenaphthene	9.898	154	1655278	51.819	ng		99
53) 3-Nitroaniline	9.810	138	276591	35.235	ng	#	96
54) 2,4-Dinitrophenol	9.916	184	317383	97.565	ng	#	1
55) Dibenzofuran	10.069	168	2146302	47.810	ng		100
56) 4-Nitrophenol	9.969	139	707418	113.751	ng		97
57) 2,4-Dinitrotoluene	10.051	165	505882	55.031	ng		98
58) Fluorene	10.410	166	1615393	46.404	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	445473	51.944	ng		100
60) Diethylphthalate	10.292	149	1710159	47.648	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	781139	46.634	ng		99
62) 4-Nitroaniline	10.428	138	410299	50.731	ng		97
63) Azobenzene	10.563	77	1793839	47.616	ng		99
65) 4,6-Dinitro-2-methylph...	10.451	198	224645	57.982	ng		99
66) n-Nitrosodiphenylamine	10.522	169	1484538	50.533	ng		99
67) 4-Bromophenyl-phenylether	10.898	248	506512	50.224	ng		96
68) Hexachlorobenzene	10.957	284	545919	49.092	ng		98
69) Atrazine	11.051	200	500623	60.999	ng		100
70) Pentachlorophenol	11.151	266	694854	100.360	ng		99
71) Phenanthrene	11.375	178	2441117	49.717	ng		100
72) Anthracene	11.428	178	2501157	51.986	ng		100
73) Carbazole	11.575	167	2235331	48.330	ng		100
74) Di-n-butylphthalate	11.916	149	2567123	48.799	ng		100
75) Fluoranthene	12.557	202	2554781	47.975	ng		100
77) Benzidine	12.680	184	738455	54.172	ng		99
78) Pyrene	12.786	202	2628575	46.597	ng		99
80) Butylbenzylphthalate	13.416	149	1048714	50.912	ng		99
81) Benzo(a)anthracene	13.974	228	2145007	47.716	ng		100
82) 3,3'-Dichlorobenzidine	13.939	252	417520	30.913	ng		100
83) Chrysene	14.016	228	1924524	47.491	ng		100
84) Bis(2-ethylhexyl)phtha...	13.974	149	1320212	49.410	ng		100
85) Di-n-octyl phthalate	14.592	149	2006058	51.873	ng		100
87) Indeno(1,2,3-cd)pyrene	16.898	276	1821646	54.057	ng		99
88) Benzo(b)fluoranthene	15.021	252	1809211	48.498	ng		99
89) Benzo(k)fluoranthene	15.051	252	1491657	51.018	ng		100
90) Benzo(a)pyrene	15.386	252	1527433	52.752	ng		99
91) Dibenzo(a,h)anthracene	16.921	278	1475892	54.030	ng		99
92) Benzo(g,h,i)perylene	17.339	276	1371691	48.415	ng		99

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

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