Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
Data File : BF140990.D
Acq On : 27 Dec 2024 12:14
Operator : RC/JU
Sample : PB165814BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 27 12:56:56 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 :
PB165814BS

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	251701	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1024345	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	541141	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	919053	20.000	ng	0.00
76) Chrysene-d12	13.986	240	633131	20.000	ng	0.00
86) Perylene-d12	15.439	264	527325	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	2370873	141.986	ng	0.01
7) Phenol-d6	6.451	99	3036113	141.145	ng	0.00
23) Nitrobenzene-d5	7.392	82	1878501	117.326	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	875393	166.478	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	3275052	96.425	ng	0.00
79) Terphenyl-d14	12.933	244	3809770	99.948	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	333695	44.141	ng	99
3) Pyridine	3.398	79	871293	47.161	ng	99
4) n-Nitrosodimethylamine	3.351	42	478844	51.155	ng	99
6) Aniline	6.492	93	874426	45.580	ng	99
8) 2-Chlorophenol	6.610	128	939055	53.341	ng	98
9) Benzaldehyde	6.375	77	200866	13.650	ng	99
10) Phenol	6.469	94	1171693	52.678	ng	97
11) bis(2-Chloroethyl)ether	6.563	93	902335	50.243	ng	99
12) 1,3-Dichlorobenzene	6.769	146	943804	48.577	ng	100
13) 1,4-Dichlorobenzene	6.845	146	954534	48.736	ng	99
14) 1,2-Dichlorobenzene	6.998	146	917350	50.235	ng	99
15) Benzyl Alcohol	6.969	79	814451	52.689	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1432863	52.757	ng	99
17) 2-Methylphenol	7.075	107	765214	52.320	ng	99
18) Hexachloroethane	7.339	117	348187	50.044	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	669878	50.833	ng	99
20) 3+4-Methylphenols	7.228	107	927748	50.126	ng	94
22) Acetophenone	7.239	105	1233234	49.077	ng	99
24) Nitrobenzene	7.410	77	968330	54.125	ng	98
25) Isophorone	7.651	82	1784471	51.218	ng	99
26) 2-Nitrophenol	7.728	139	424376	56.791	ng	98
27) 2,4-Dimethylphenol	7.757	122	770013	60.473	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	1082836	49.054	ng	99
29) 2,4-Dichlorophenol	7.963	162	748910	51.859	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	770747	47.154	ng	99
31) Naphthalene	8.133	128	2617061	48.485	ng	100
32) Benzoic acid	7.875	122	528449	50.041	ng	98
33) 4-Chloroaniline	8.175	127	339031	17.362	ng	99
34) Hexachlorobutadiene	8.251	225	461076	47.849	ng	99
35) Caprolactam	8.545	113	255879m	52.120	ng	
36) 4-Chloro-3-methylphenol	8.651	107	814204	50.768	ng	99
37) 2-Methylnaphthalene	8.822	142	1701506	49.275	ng	99
38) 1-Methylnaphthalene	8.922	142	1585416	46.717	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	737419	49.533	ng	99
41) Hexachlorocyclopentadiene	8.975	237	897033	181.823	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	545658	55.070	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	515432	50.841	ng		99
46) 1,1'-Biphenyl	9.286	154	2055713	49.613	ng		100
47) 2-Chloronaphthalene	9.310	162	1537450	47.842	ng		99
48) 2-Nitroaniline	9.404	65	487997	57.075	ng		93
49) Acenaphthylene	9.727	152	2430507	52.539	ng		99
50) Dimethylphthalate	9.586	163	1833974	51.524	ng		100
51) 2,6-Dinitrotoluene	9.645	165	401522	54.757	ng		98
52) Acenaphthene	9.898	154	1712545	54.759	ng		100
53) 3-Nitroaniline	9.810	138	257155	33.624	ng	#	95
54) 2,4-Dinitrophenol	9.916	184	331319	101.758	ng	#	1
55) Dibenzofuran	10.069	168	2200885	50.075	ng		100
56) 4-Nitrophenol	9.969	139	728498	119.648	ng		98
57) 2,4-Dinitrotoluene	10.051	165	532247	58.802	ng		98
58) Fluorene	10.410	166	1652515	48.486	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	471237	56.124	ng		100
60) Diethylphthalate	10.292	149	1787895	50.879	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	797804	48.648	ng		100
62) 4-Nitroaniline	10.427	138	429748	54.039	ng		95
63) Azobenzene	10.563	77	1864588	50.553	ng		99
65) 4,6-Dinitro-2-methylph...	10.457	198	233087	60.571	ng		94
66) n-Nitrosodiphenylamine	10.522	169	1518417	52.466	ng		98
67) 4-Bromophenyl-phenylether	10.892	248	529887	53.335	ng		100
68) Hexachlorobenzene	10.957	284	564078	51.490	ng		99
69) Atrazine	11.051	200	526059	65.065	ng		99
70) Pentachlorophenol	11.151	266	707064	103.665	ng		99
71) Phenanthrene	11.374	178	2494485	51.570	ng		99
72) Anthracene	11.422	178	2528317	53.343	ng		99
73) Carbazole	11.574	167	2329697	51.130	ng		100
74) Di-n-butylphthalate	11.916	149	2640717	50.955	ng		100
75) Fluoranthene	12.557	202	2588359	49.339	ng		100
77) Benzidine	12.680	184	688958	51.489	ng		99
78) Pyrene	12.786	202	2666892	48.163	ng		99
80) Butylbenzylphthalate	13.410	149	1068367	52.839	ng		97
81) Benzo(a)anthracene	13.974	228	2089530	47.354	ng		100
82) 3,3'-Dichlorobenzidine	13.939	252	366414	27.639	ng		100
83) Chrysene	14.015	228	2063978	51.888	ng		100
84) Bis(2-ethylhexyl)phtha...	13.974	149	1332849	50.819	ng		100
85) Di-n-octyl phthalate	14.592	149	2101612	55.364	ng		100
87) Indeno(1,2,3-cd)pyrene	16.892	276	1862200	56.052	ng		99
88) Benzo(b)fluoranthene	15.021	252	1761651	47.900	ng		99
89) Benzo(k)fluoranthene	15.051	252	1687799	58.553	ng		100
90) Benzo(a)pyrene	15.380	252	1599470	56.031	ng		99
91) Dibenzo(a,h)anthracene	16.915	278	1503324	55.822	ng		99
92) Benzo(g,h,i)perylene	17.333	276	1395806	49.972	ng		99

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

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