Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
Data File : BF130818.D
Acq On : 28 Oct 2022 10:11
Operator : CG\JU
Sample : PB148383BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 28 16:48:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 28 04:00:21 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB148383BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	96993	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	381001	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	211144	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	401211	20.000	ng	0.00
76) Chrysene-d12	14.145	240	254456	20.000	ng	0.00
86) Perylene-d12	15.657	264	187186	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	539113	96.359	ng	0.01
7) Phenol-d6	6.569	99	673446	92.627	ng	0.00
23) Nitrobenzene-d5	7.522	82	637104	100.831	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	186891	105.148	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1166517	83.528	ng	0.00
79) Terphenyl-d14	13.086	244	1341923	96.638	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.875	88	103792	41.377	ng	92
3) Pyridine	3.622	79	277153	39.447	ng	97
4) n-Nitrosodimethylamine	3.593	42	194466	49.304	ng	99
6) Aniline	6.616	93	396174m	44.067	ng	
8) 2-Chlorophenol	6.740	128	306309	49.147	ng	99
9) Benzaldehyde	6.504	77	173708	37.330	ng	91
10) Phenol	6.587	94	371367	47.466	ng	97
11) bis(2-Chloroethyl)ether	6.687	93	294912	48.354	ng	95
12) 1,3-Dichlorobenzene	6.898	146	330664	46.820	ng	99
13) 1,4-Dichlorobenzene	6.975	146	335634	46.819	ng	99
14) 1,2-Dichlorobenzene	7.128	146	318416	47.960	ng	98
15) Benzyl Alcohol	7.093	79	286868	46.402	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.228	45	532394	48.971	ng	99
17) 2-Methylphenol	7.198	107	249726	46.879	ng	100
18) Hexachloroethane	7.469	117	126125	48.681	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	227382	45.966	ng	97
20) 3+4-Methylphenols	7.351	107	312806	45.163	ng	91
22) Acetophenone	7.369	105	435375	47.131	ng	99
24) Nitrobenzene	7.540	77	337492	48.847	ng	98
25) Isophorone	7.781	82	625464	48.003	ng	99
26) 2-Nitrophenol	7.857	139	133825	49.030	ng	97
27) 2,4-Dimethylphenol	7.887	122	281172	51.851	ng	98
28) bis(2-Chloroethoxy)met...	7.987	93	357889	49.181	ng	99
29) 2,4-Dichlorophenol	8.092	162	254769	45.671	ng	95
30) 1,2,4-Trichlorobenzene	8.181	180	265473	44.257	ng	97
31) Naphthalene	8.263	128	876789	44.108	ng	99
32) Benzoic acid	8.004	122	177159	46.294	ng	92
33) 4-Chloroaniline	8.310	127	277885	35.377	ng	97
34) Hexachlorobutadiene	8.375	225	183752	46.146	ng	97
35) Caprolactam	8.681	113	86748m	48.527	ng	
36) 4-Chloro-3-methylphenol	8.781	107	282871	46.748	ng	98
37) 2-Methylnaphthalene	8.957	142	551492	44.106	ng	98
38) 1-Methylnaphthalene	9.057	142	526724	43.286	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	275596	46.027	ng	98
41) Hexachlorocyclopentadiene	9.110	237	363899	115.668	ng	99
43) 2,4,6-Trichlorophenol	9.228	196	188391	45.279	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	207566	46.695	ng		96
46) 1,1'-Biphenyl	9.422	154	693446	46.098	ng		99
47) 2-Chloronaphthalene	9.445	162	533097	44.195	ng		99
48) 2-Nitroaniline	9.539	65	190367	48.987	ng		99
49) Acenaphthylene	9.869	152	848804	44.530	ng		99
50) Dimethylphthalate	9.722	163	654688	45.143	ng		99
51) 2,6-Dinitrotoluene	9.786	165	135603	49.118	ng		84
52) Acenaphthene	10.039	154	575683	48.841	ng		99
53) 3-Nitroaniline	9.951	138	122907	43.510	ng	#	96
54) 2,4-Dinitrophenol	10.057	184	119764	87.036	ng		94
55) Dibenzofuran	10.210	168	762183	44.612	ng		99
56) 4-Nitrophenol	10.104	139	231780	103.628	ng		99
57) 2,4-Dinitrotoluene	10.186	165	178814	51.344	ng		89
58) Fluorene	10.551	166	595495	44.266	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	170024	46.393	ng		99
60) Diethylphthalate	10.422	149	655901	45.987	ng		98
61) 4-Chlorophenyl-phenyle...	10.545	204	292208	45.404	ng		99
62) 4-Nitroaniline	10.575	138	147746	51.653	ng		97
63) Azobenzene	10.704	77	672817	45.190	ng		98
65) 4,6-Dinitro-2-methylph...	10.592	198	75503	45.520	ng		93
66) n-Nitrosodiphenylamine	10.663	169	558303	44.613	ng		99
67) 4-Bromophenyl-phenylether	11.033	248	186565	46.239	ng	#	88
68) Hexachlorobenzene	11.098	284	202338	45.515	ng		99
69) Atrazine	11.192	200	196497	54.370	ng		97
70) Pentachlorophenol	11.292	266	237325	93.555	ng		98
71) Phenanthrene	11.522	178	912659	44.073	ng		100
72) Anthracene	11.575	178	929579	45.512	ng		100
73) Carbazole	11.722	167	831940	45.483	ng		100
74) Di-n-butylphthalate	12.051	149	1009163	45.429	ng		99
75) Fluoranthene	12.710	202	985061	44.772	ng		99
77) Benzidine	12.833	184	475313	76.950	ng		100
78) Pyrene	12.945	202	992984	46.254	ng		99
80) Butylbenzylphthalate	13.557	149	384757	49.816	ng		97
81) Benzo(a)anthracene	14.133	228	764955	45.343	ng		99
82) 3,3'-Dichlorobenzidine	14.092	252	196908	43.245	ng		95
83) Chrysene	14.169	228	714942	43.935	ng		99
84) Bis(2-ethylhexyl)phtha...	14.116	149	472996	50.933	ng		100
85) Di-n-octyl phthalate	14.739	149	650961	50.790	ng		100
87) Indeno(1,2,3-cd)pyrene	17.215	276	613513	49.355	ng		99
88) Benzo(b)fluoranthene	15.210	252	571625	47.241	ng		98
89) Benzo(k)fluoranthene	15.239	252	570006	48.343	ng		99
90) Benzo(a)pyrene	15.592	252	492758	50.658	ng		100
91) Dibenzo(a,h)anthracene	17.239	278	532805	52.579	ng		99
92) Benzo(g,h,i)perylene	17.692	276	546769	52.888	ng		98

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

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