Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022223\
Data File : BF132512.D
Acq On : 22 Feb 2023 18:40
Operator : CG\JU
Sample : PB151002BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 23 01:18:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 23 00:59:42 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB151002BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.007	152	189376	20.000	ng	0.00
21) Naphthalene-d8	8.295	136	713954	20.000	ng	0.00
39) Acenaphthene-d10	10.060	164	383723	20.000	ng	0.00
64) Phenanthrene-d10	11.554	188	740596	20.000	ng	0.00
76) Chrysene-d12	14.213	240	470499	20.000	ng	# 0.00
86) Perylene-d12	15.766	264	405835	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	1365058	116.987	ng	0.01
7) Phenol-d6	6.643	99	1787012	117.347	ng	0.00
23) Nitrobenzene-d5	7.578	82	1196375	79.503	ng	0.00
42) 2,4,6-Tribromophenol	10.860	330	482736	116.489	ng	0.00
45) 2-Fluorobiphenyl	9.378	172	1824016	72.379	ng	0.00
79) Terphenyl-d14	13.148	244	2300084	82.654	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.972	88	208522	32.306	ng	99
3) Pyridine	3.719	79	546351	31.889	ng	99
4) n-Nitrosodimethylamine	3.684	42	258484	39.942	ng	96
6) Aniline	6.672	93	730152	35.628	ng	98
8) 2-Chlorophenol	6.801	128	537651	44.396	ng	96
9) Benzaldehyde	6.560	77	198371	24.141	ng	99
10) Phenol	6.654	94	709484	40.637	ng	98
11) bis(2-Chloroethyl)ether	6.743	93	561506	41.661	ng	98
12) 1,3-Dichlorobenzene	6.954	146	557626	42.907	ng	97
13) 1,4-Dichlorobenzene	7.031	146	551316	42.485	ng	98
14) 1,2-Dichlorobenzene	7.184	146	535043	42.962	ng	97
15) Benzyl Alcohol	7.154	79	494516	42.165	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.284	45	738806	42.986	ng	99
17) 2-Methylphenol	7.266	107	448297	39.664	ng	99
18) Hexachloroethane	7.525	117	220533	43.500	ng	97
19) n-Nitroso-di-n-propyla...	7.425	70	373035	39.803	ng	96
20) 3+4-Methylphenols	7.413	107	514622	35.243	ng	96
22) Acetophenone	7.419	105	703891	39.099	ng	94
24) Nitrobenzene	7.595	77	634105	39.400	ng	97
25) Isophorone	7.831	82	1099142	38.097	ng	98
26) 2-Nitrophenol	7.913	139	288504	40.629	ng	97
27) 2,4-Dimethylphenol	7.942	122	467502m	41.714	ng	
28) bis(2-Chloroethoxy)met...	8.037	93	665204	39.414	ng	100
29) 2,4-Dichlorophenol	8.154	162	449621	40.330	ng	98
30) 1,2,4-Trichlorobenzene	8.237	180	490426	40.512	ng	98
31) Naphthalene	8.319	128	1432651	39.197	ng	99
32) Benzoic acid	8.072	122	344668	39.744	ng	89
33) 4-Chloroaniline	8.366	127	358781	22.907	ng	95
34) Hexachlorobutadiene	8.431	225	312947	40.682	ng	100
35) Caprolactam	8.742	113	155436m	42.291	ng	
36) 4-Chloro-3-methylphenol	8.854	107	495099	40.438	ng	96
37) 2-Methylnaphthalene	9.013	142	949972	38.139	ng	99
38) 1-Methylnaphthalene	9.113	142	882953	37.931	ng	100
40) 1,2,4,5-Tetrachloroben...	9.178	216	491984	39.188	ng	99
41) Hexachlorocyclopentadiene	9.166	237	602371	88.461	ng	100
43) 2,4,6-Trichlorophenol	9.289	196	337771	39.700	ng	97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.337	196	365754	36.833	ng		94
46)	1,1'-Biphenyl	9.478	154	1141982	39.320	ng		99
47)	2-Chloronaphthalene	9.507	162	907990	39.432	ng		99
48)	2-Nitroaniline	9.601	65	329088	38.804	ng		99
49)	Acenaphthylene	9.925	152	1415913	38.636	ng		100
50)	Dimethylphthalate	9.778	163	1066332	38.165	ng		100
51)	2,6-Dinitrotoluene	9.842	165	253327	39.812	ng		92
52)	Acenaphthene	10.095	154	1020716m	43.862	ng		
53)	3-Nitroaniline	10.013	138	217398	30.543	ng		99
54)	2,4-Dinitrophenol	10.119	184	328335	81.841	ng		93
55)	Dibenzofuran	10.272	168	1286095	37.910	ng		100
56)	4-Nitrophenol	10.184	139	427138	80.467	ng		96
57)	2,4-Dinitrotoluene	10.248	165	344847	40.737	ng		98
58)	Fluorene	10.613	166	1017299	39.203	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.384	232	309716	41.987	ng		100
60)	Diethylphthalate	10.478	149	1070066	39.215	ng		100
61)	4-Chlorophenyl-phenyle...	10.601	204	522013	38.777	ng		97
62)	4-Nitroaniline	10.636	138	271077	38.798	ng		98
63)	Azobenzene	10.760	77	1122711	38.849	ng		96
65)	4,6-Dinitro-2-methylph...	10.660	198	208735	41.635	ng		95
66)	n-Nitrosodiphenylamine	10.719	169	908372	39.343	ng		98
67)	4-Bromophenyl-phenylether	11.095	248	324804	38.772	ng		98
68)	Hexachlorobenzene	11.160	284	367506	41.692	ng	#	91
69)	Atrazine	11.248	200	303821	42.150	ng		99
70)	Pentachlorophenol	11.360	266	394322	75.187	ng		99
71)	Phenanthrene	11.583	178	1513437	39.447	ng		99
72)	Anthracene	11.636	178	1523333	38.557	ng		99
73)	Carbazole	11.789	167	1415049	39.725	ng		100
74)	Di-n-butylphthalate	12.107	149	1640852	39.270	ng		100
75)	Fluoranthene	12.777	202	1659809	39.573	ng		99
77)	Benzidine	12.895	184	596246	52.059	ng		100
78)	Pyrene	13.013	202	1702916	39.809	ng		100
80)	Butylbenzylphthalate	13.619	149	681749	40.387	ng		99
81)	Benzo(a)anthracene	14.201	228	1390585	39.501	ng		98
82)	3,3'-Dichlorobenzidine	14.160	252	348541	33.582	ng		100
83)	Chrysene	14.242	228	1298581	39.447	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.172	149	874337	42.163	ng		99
85)	Di-n-octyl phthalate	14.801	149	1252822	41.343	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.377	276	1191973	44.824	ng		100
88)	Benzo(b)fluoranthene	15.301	252	1192377	43.842	ng		98
89)	Benzo(k)fluoranthene	15.336	252	1076575	40.446	ng		99
90)	Benzo(a)pyrene	15.701	252	1014315	39.849	ng		100
91)	Dibenzo(a,h)anthracene	17.395	278	976905	45.088	ng		98
92)	Benzo(g,h,i)perylene	17.865	276	1008778	41.428	ng		99

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

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