Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022423\
Data File : BF132542.D
Acq On : 24 Feb 2023 16:22
Operator : CG\JU
Sample : 01671-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 24 23:18:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 24 23:17:30 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
T5-1MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.001	152	175862	20.000	ng		0.00
21) Naphthalene-d8	8.289	136	640979	20.000	ng		0.00
39) Acenaphthene-d10	10.054	164	339197	20.000	ng		0.00
64) Phenanthrene-d10	11.548	188	606802	20.000	ng		0.00
76) Chrysene-d12	14.207	240	311878	20.000	ng		0.00
86) Perylene-d12	15.759	264	381112	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.642	112	1233453	113.831	ng		0.01
7) Phenol-d6	6.636	99	1616832	114.331	ng		0.00
23) Nitrobenzene-d5	7.572	82	1102139	81.579	ng		0.00
42) 2,4,6-Tribromophenol	10.854	330	439192	119.893	ng		0.00
45) 2-Fluorobiphenyl	9.372	172	1684682	75.626	ng		0.00
79) Terphenyl-d14	13.136	244	1551871	84.130	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.954	88	239286	39.922	ng		99
3) Pyridine	3.707	79	584432	36.733	ng		100
4) n-Nitrosodimethylamine	3.672	42	278904	46.409	ng		99
6) Aniline	6.666	93	520239	27.336	ng		100
8) 2-Chlorophenol	6.789	128	538036	47.842	ng		99
9) Benzaldehyde	6.554	77	313884	41.134	ng		93
10) Phenol	6.654	94	698596	43.088	ng		99
11) bis(2-Chloroethyl)ether	6.736	93	571252	45.641	ng		98
12) 1,3-Dichlorobenzene	6.948	146	563630	46.702	ng		99
13) 1,4-Dichlorobenzene	7.025	146	560175	46.485	ng		99
14) 1,2-Dichlorobenzene	7.178	146	546670	47.269	ng		99
15) Benzyl Alcohol	7.148	79	530352	48.696	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.278	45	746824	46.791	ng		99
17) 2-Methylphenol	7.260	107	452946	43.155	ng		97
18) Hexachloroethane	7.519	117	231292	49.128	ng		97
19) n-Nitroso-di-n-propyla...	7.419	70	382665	43.968	ng		99
20) 3+4-Methylphenols	7.407	107	528249	38.957	ng	#	88
22) Acetophenone	7.413	105	725108	44.863	ng		96
24) Nitrobenzene	7.589	77	646996	44.778	ng		93
25) Isophorone	7.831	82	1176207	45.410	ng		99
26) 2-Nitrophenol	7.907	139	292234	45.840	ng		97
27) 2,4-Dimethylphenol	7.942	122	457038	45.423	ng		97
28) bis(2-Chloroethoxy)met...	8.036	93	683790	45.128	ng		99
29) 2,4-Dichlorophenol	8.148	162	453560	45.316	ng		97
30) 1,2,4-Trichlorobenzene	8.230	180	504654	46.434	ng		99
31) Naphthalene	8.313	128	1435913	43.759	ng		99
32) Benzoic acid	8.072	122	364396m	46.121	ng		
33) 4-Chloroaniline	8.360	127	81409	5.789	ng		95
34) Hexachlorobutadiene	8.425	225	335965	48.647	ng		99
35) Caprolactam	8.748	113	150988m	45.758	ng		
36) 4-Chloro-3-methylphenol	8.848	107	511120	46.500	ng		98
37) 2-Methylnaphthalene	9.007	142	954107	42.666	ng		100
38) 1-Methylnaphthalene	9.107	142	885127	42.353	ng		100
40) 1,2,4,5-Tetrachloroben...	9.172	216	515480	46.449	ng		99
41) Hexachlorocyclopentadiene	9.160	237	595737	98.971	ng		98
43) 2,4,6-Trichlorophenol	9.283	196	353954	47.063	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.330	196	375895	42.823	ng		96
46)	1,1'-Biphenyl	9.472	154	1156989	45.066	ng		99
47)	2-Chloronaphthalene	9.501	162	929282	45.654	ng		99
48)	2-Nitroaniline	9.595	65	324049	43.225	ng		99
49)	Acenaphthylene	9.919	152	1415900	43.707	ng		100
50)	Dimethylphthalate	9.772	163	1129698	45.741	ng		100
51)	2,6-Dinitrotoluene	9.836	165	256516	45.606	ng		99
52)	Acenaphthene	10.089	154	1014388m	49.312	ng		
53)	3-Nitroaniline	10.007	138	148711	23.635	ng		99
54)	2,4-Dinitrophenol	10.119	184	286686	80.863	ng		94
55)	Dibenzofuran	10.266	168	1295800	43.210	ng		99
56)	4-Nitrophenol	10.172	139	361655	77.075	ng		87
57)	2,4-Dinitrotoluene	10.242	165	339177	45.327	ng		95
58)	Fluorene	10.607	166	994982	43.376	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.377	232	307536	47.164	ng		98
60)	Diethylphthalate	10.472	149	1103897	45.765	ng		99
61)	4-Chlorophenyl-phenyle...	10.595	204	529286	44.479	ng		98
62)	4-Nitroaniline	10.630	138	238690	38.647	ng		95
63)	Azobenzene	10.754	77	1511851	59.182	ng		95
65)	4,6-Dinitro-2-methylph...	10.654	198	190841	46.459	ng		99
66)	n-Nitrosodiphenylamine	10.719	169	882472	46.648	ng		99
67)	4-Bromophenyl-phenylether	11.089	248	325519	47.425	ng		99
68)	Hexachlorobenzene	11.154	284	359293	49.747	ng	#	90
69)	Atrazine	11.242	200	300946	50.957	ng		97
70)	Pentachlorophenol	11.354	266	357015	83.083	ng		99
71)	Phenanthrene	11.577	178	1387916	44.152	ng		99
72)	Anthracene	11.630	178	1408384	43.507	ng		100
73)	Carbazole	11.783	167	1202417	41.199	ng		100
74)	Di-n-butylphthalate	12.101	149	1575186	46.010	ng		100
75)	Fluoranthene	12.771	202	1298856	37.796	ng		98
77)	Benzidine	12.889	184	345497	45.508	ng		99
78)	Pyrene	13.001	202	1309161	46.170	ng		99
80)	Butylbenzylphthalate	13.613	149	528143	47.200	ng		96
81)	Benzo(a)anthracene	14.195	228	1079396	46.256	ng		99
82)	3,3'-Dichlorobenzidine	14.154	252	204170	29.677	ng		99
83)	Chrysene	14.236	228	1008945	46.236	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.165	149	696838	50.695	ng		100
85)	Di-n-octyl phthalate	14.795	149	1180496	58.770	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.371	276	1111136	44.495	ng		98
88)	Benzo(b)fluoranthene	15.295	252	1204265	47.152	ng		98
89)	Benzo(k)fluoranthene	15.330	252	1038839	41.560	ng		99
90)	Benzo(a)pyrene	15.695	252	1033939	43.255	ng		99
91)	Dibenzo(a,h)anthracene	17.383	278	916283	45.034	ng		97
92)	Benzo(g,h,i)perylene	17.853	276	862337	37.856	ng		99

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

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