Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020723\
Data File : BF132344.D
Acq On : 07 Feb 2023 14:55
Operator : CG\JU
Sample : 01442-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 08 03:57:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 04:05:36 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
B-01-SB02MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.048	152	168363	20.000	ng		0.00
21) Naphthalene-d8	8.337	136	643998	20.000	ng		0.00
39) Acenaphthene-d10	10.107	164	336050	20.000	ng		0.00
64) Phenanthrene-d10	11.601	188	648165	20.000	ng		0.00
76) Chrysene-d12	14.260	240	393769	20.000	ng		0.00
86) Perylene-d12	15.836	264	353776	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.684	112	1127415	107.637	ng		0.02
7) Phenol-d6	6.678	99	1383346	107.126	ng		0.00
23) Nitrobenzene-d5	7.619	82	817969	70.680	ng		0.00
42) 2,4,6-Tribromophenol	10.901	330	479260	138.682	ng		0.00
45) 2-Fluorobiphenyl	9.419	172	1513476	69.549	ng		0.00
79) Terphenyl-d14	13.195	244	1785295	87.703	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.031	88	189861	38.523	ng	#	86
3) Pyridine	3.784	79	482371	36.077	ng		95
4) n-Nitrosodimethylamine	3.737	42	161956	37.855	ng		93
6) Aniline	6.713	93	436952m	24.936	ng		
8) 2-Chlorophenol	6.837	128	524174	48.319	ng		96
9) Benzaldehyde	6.601	77	282253	38.628	ng		97
10) Phenol	6.690	94	577833m	43.232	ng		
11) bis(2-Chloroethyl)ether	6.778	93	483889	43.990	ng		96
12) 1,3-Dichlorobenzene	6.995	146	555604	48.424	ng		97
13) 1,4-Dichlorobenzene	7.072	146	554266	48.395	ng		98
14) 1,2-Dichlorobenzene	7.225	146	534176	50.012	ng		97
15) Benzyl Alcohol	7.195	79	400831	42.540	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.319	45	442886	38.215	ng		94
17) 2-Methylphenol	7.295	107	403671	42.509	ng		99
18) Hexachloroethane	7.566	117	204876	47.685	ng		98
19) n-Nitroso-di-n-propyla...	7.460	70	283821	38.694	ng		98
20) 3+4-Methylphenols	7.448	107	509943	42.074	ng	#	91
22) Acetophenone	7.460	105	642633	42.432	ng		97
24) Nitrobenzene	7.637	77	469453	39.707	ng		94
25) Isophorone	7.872	82	885754	40.325	ng		98
26) 2-Nitrophenol	7.954	139	283084	49.156	ng	#	87
27) 2,4-Dimethylphenol	7.978	122	457285	45.365	ng		100
28) bis(2-Chloroethoxy)met...	8.078	93	573638	42.497	ng		100
29) 2,4-Dichlorophenol	8.190	162	419841	46.913	ng		98
30) 1,2,4-Trichlorobenzene	8.278	180	453495	47.320	ng		97
31) Naphthalene	8.360	128	1385271	43.700	ng		99
32) Benzoic acid	8.119	122	388217	52.030	ng		92
33) 4-Chloroaniline	8.407	127	54788	3.898	ng		97
34) Hexachlorobutadiene	8.472	225	266508	49.467	ng		99
35) Caprolactam	8.790	113	150063m	49.186	ng		
36) 4-Chloro-3-methylphenol	8.878	107	451017	46.779	ng		99
37) 2-Methylnaphthalene	9.054	142	936618	43.620	ng		100
38) 1-Methylnaphthalene	9.154	142	879726	44.087	ng		100
40) 1,2,4,5-Tetrachloroben...	9.219	216	438665	46.386	ng		99
41) Hexachlorocyclopentadiene	9.207	237	533961	96.778	ng		100
43) 2,4,6-Trichlorophenol	9.331	196	320307	47.383	ng		99

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44)	2,4,5-Trichlorophenol	9.372	196	346417	44.522	ng		96
46)	1,1'-Biphenyl	9.519	154	1147797	44.303	ng		98
47)	2-Chloronaphthalene	9.548	162	892964	45.254	ng		99
48)	2-Nitroaniline	9.642	65	226792	38.645	ng	#	75
49)	Acenaphthylene	9.966	152	1400266	43.480	ng		99
50)	Dimethylphthalate	9.819	163	1081289	45.999	ng		99
51)	2,6-Dinitrotoluene	9.884	165	249727	47.567	ng	#	80
52)	Acenaphthene	10.136	154	1018801	50.530	ng		100
53)	3-Nitroaniline	10.048	138	130608	20.514	ng		100
54)	2,4-Dinitrophenol	10.160	184	309296	100.464	ng		89
55)	Dibenzofuran	10.313	168	1251239	44.169	ng		100
56)	4-Nitrophenol	10.207	139	458216	95.642	ng		93
57)	2,4-Dinitrotoluene	10.289	165	347801	50.999	ng		88
58)	Fluorene	10.660	166	983527	45.112	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.425	232	287674	50.716	ng		96
60)	Diethylphthalate	10.519	149	1091060	46.657	ng		99
61)	4-Chlorophenyl-phenyle...	10.642	204	481414	46.528	ng		97
62)	4-Nitroaniline	10.678	138	272178	44.581	ng		97
63)	Azobenzene	10.807	77	1115585	48.975	ng		93
65)	4,6-Dinitro-2-methylph...	10.695	198	192016	52.196	ng		99
66)	n-Nitrosodiphenylamine	10.766	169	877094	43.215	ng		99
67)	4-Bromophenyl-phenylether	11.136	248	309161	46.580	ng		97
68)	Hexachlorobenzene	11.207	284	358219	50.496	ng		92
69)	Atrazine	11.289	200	308479	52.841	ng		98
70)	Pentachlorophenol	11.401	266	421280	86.430	ng		99
71)	Phenanthrene	11.625	178	1501111	44.319	ng		100
72)	Anthracene	11.678	178	1514414	43.935	ng		100
73)	Carbazole	11.830	167	1384168	44.785	ng		99
74)	Di-n-butylphthalate	12.154	149	1749969	47.893	ng		99
75)	Fluoranthene	12.825	202	1565733	45.300	ng		98
77)	Benzidine	12.942	184	601571	43.698	ng		98
78)	Pyrene	13.060	202	1658329	52.361	ng		99
80)	Butylbenzylphthalate	13.666	149	758775	54.226	ng		96
81)	Benzo(a)anthracene	14.254	228	1266980	46.004	ng		99
82)	3,3'-Dichlorobenzidine	14.207	252	154975	17.667	ng		99
83)	Chrysene	14.289	228	1130695	43.845	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.219	149	1061635	56.131	ng		99
85)	Di-n-octyl phthalate	14.854	149	1524942	49.432	ng	#	96
87)	Indeno(1,2,3-cd)pyrene	17.477	276	1205188	51.269	ng		97
88)	Benzo(b)fluoranthene	15.366	252	1041481	46.314	ng		97
89)	Benzo(k)fluoranthene	15.395	252	1023439	47.679	ng		99
90)	Benzo(a)pyrene	15.771	252	908958	43.407	ng		98
91)	Dibenzo(a,h)anthracene	17.495	278	985108	52.124	ng		99
92)	Benzo(g,h,i)perylene	17.977	276	962244	49.283	ng		97

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

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