Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
Data File : BF132219.D
Acq On : 30 Jan 2023 19:40
Operator : CG\JU
Sample : 01243-06MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 31 00:32:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 28 02:25:45 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-20-30MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
01/31/2023
Supervised By :Jagrut Upadhyay
01/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.084	152	213237	20.000	ng	0.00
21) Naphthalene-d8	8.372	136	789439	20.000	ng	0.00
39) Acenaphthene-d10	10.136	164	421759	20.000	ng	0.00
64) Phenanthrene-d10	11.630	188	803294	20.000	ng	0.00
76) Chrysene-d12	14.295	240	415373	20.000	ng	0.00
86) Perylene-d12	15.877	264	419062	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.713	112	1405747	109.686	ng	0.02
7) Phenol-d6	6.695	99	1802824	112.188	ng	0.00
23) Nitrobenzene-d5	7.648	82	1092522	72.452	ng	0.00
42) 2,4,6-Tribromophenol	10.930	330	511763	131.039	ng	0.00
45) 2-Fluorobiphenyl	9.448	172	1877973	65.519	ng	0.00
79) Terphenyl-d14	13.224	244	1940428	73.395	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.102	88	267774	41.512	ng	97
3) Pyridine	3.831	79	686290	38.738	ng	97
4) n-Nitrosodimethylamine	3.796	42	244759	41.279	ng	88
6) Aniline	6.742	93	699602	31.090	ng	98
8) 2-Chlorophenol	6.866	128	667563	51.948	ng	95
9) Benzaldehyde	6.631	77	303494	28.126	ng	96
10) Phenol	6.713	94	812759	48.584	ng	93
11) bis(2-Chloroethyl)ether	6.813	93	664200	46.027	ng	95
12) 1,3-Dichlorobenzene	7.025	146	702947	49.205	ng	98
13) 1,4-Dichlorobenzene	7.101	146	702415	49.319	ng	99
14) 1,2-Dichlorobenzene	7.254	146	678086	51.252	ng	97
15) Benzyl Alcohol	7.219	79	563182	47.695	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.348	45	713464	43.537	ng	96
17) 2-Methylphenol	7.319	107	541167	46.316	ng	99
18) Hexachloroethane	7.595	117	264279	50.500	ng	97
19) n-Nitroso-di-n-propyla...	7.489	70	426789	44.126	ng	96
20) 3+4-Methylphenols	7.472	107	687731	46.832	ng	91
22) Acetophenone	7.489	105	874574	45.310	ng	97
24) Nitrobenzene	7.666	77	684063	43.878	ng	95
25) Isophorone	7.901	82	1315750	45.371	ng	98
26) 2-Nitrophenol	7.978	139	329251	51.776	ng	97
27) 2,4-Dimethylphenol	8.007	122	583630	48.126	ng	99
28) bis(2-Chloroethoxy)met...	8.107	93	810589	45.400	ng	100
29) 2,4-Dichlorophenol	8.219	162	566309	50.012	ng	100
30) 1,2,4-Trichlorobenzene	8.307	180	623897	47.961	ng	99
31) Naphthalene	8.395	128	1764090	45.163	ng	100
32) Benzoic acid	8.095	122	267283m	35.178	ng	
33) 4-Chloroaniline	8.431	127	248636	14.683	ng	97
34) Hexachlorobutadiene	8.501	225	378306	46.555	ng	98
35) Caprolactam	8.813	113	180330m	56.246	ng	
36) 4-Chloro-3-methylphenol	8.907	107	581649	50.161	ng	100
37) 2-Methylnaphthalene	9.083	142	1201513	44.832	ng	100
38) 1-Methylnaphthalene	9.183	142	1127339	45.345	ng	99
40) 1,2,4,5-Tetrachloroben...	9.248	216	643187	45.441	ng	99
41) Hexachlorocyclopentadiene	9.236	237	771400	107.297	ng	98
43) 2,4,6-Trichlorophenol	9.354	196	439293	50.865	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.395	196	474546	46.920	ng		98
46)	1,1'-Biphenyl	9.548	154	1476863	45.438	ng		99
47)	2-Chloronaphthalene	9.578	162	1167642	46.285	ng		100
48)	2-Nitroaniline	9.666	65	332441	49.069	ng		91
49)	Acenaphthylene	9.995	152	1812077	46.232	ng		99
50)	Dimethylphthalate	9.848	163	1374888	48.034	ng		99
51)	2,6-Dinitrotoluene	9.907	165	319329	52.514	ng		92
52)	Acenaphthene	10.172	154	1099834	45.639	ng		99
53)	3-Nitroaniline	10.078	138	216682	32.202	ng		96
54)	2,4-Dinitrophenol	10.178	184	109805	38.874	ng	#	1
55)	Dibenzofuran	10.342	168	1650052	45.704	ng		100
56)	4-Nitrophenol	10.230	139	490813	100.959	ng		98
57)	2,4-Dinitrotoluene	10.319	165	413958	55.296	ng	#	82
58)	Fluorene	10.689	166	1279266	46.390	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.454	232	382546	53.232	ng		97
60)	Diethylphthalate	10.548	149	1359887	48.739	ng		99
61)	4-Chlorophenyl-phenyle...	10.672	204	683186	46.964	ng		100
62)	4-Nitroaniline	10.701	138	307695	48.736	ng		96
63)	Azobenzene	10.836	77	1475955	50.125	ng		96
65)	4,6-Dinitro-2-methylph...	10.725	198	112024	29.285	ng		88
66)	n-Nitrosodiphenylamine	10.795	169	1138461	45.131	ng		100
67)	4-Bromophenyl-phenylether	11.172	248	443357	47.942	ng		98
68)	Hexachlorobenzene	11.236	284	472650	51.581	ng		97
69)	Atrazine	11.319	200	404960	55.933	ng		100
70)	Pentachlorophenol	11.430	266	435301	71.973	ng		97
71)	Phenanthrene	11.660	178	1867060	45.688	ng		99
72)	Anthracene	11.713	178	1897007	45.587	ng		100
73)	Carbazole	11.860	167	1684063	47.109	ng		100
74)	Di-n-butylphthalate	12.183	149	2054235	50.511	ng		100
75)	Fluoranthene	12.854	202	1916320	46.088	ng		99
77)	Benzidine	12.966	184	320763	29.585	ng		99
78)	Pyrene	13.089	202	1928368	49.549	ng		100
80)	Butylbenzylphthalate	13.695	149	718309	54.618	ng		95
81)	Benzo(a)anthracene	14.283	228	1387477	47.508	ng		99
82)	3,3'-Dichlorobenzidine	14.236	252	238901	30.186	ng		98
83)	Chrysene	14.318	228	1288252	47.333	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.254	149	986698	58.073	ng	#	98
85)	Di-n-octyl phthalate	14.889	149	1328556	52.428	ng		97
87)	Indeno(1,2,3-cd)pyrene	17.542	276	1469198	53.027	ng		99
88)	Benzo(b)fluoranthene	15.407	252	1288923	50.079	ng		99
89)	Benzo(k)fluoranthene	15.436	252	1285015	48.387	ng		99
90)	Benzo(a)pyrene	15.812	252	1149848	47.338	ng		99
91)	Dibenzo(a,h)anthracene	17.559	278	1201668	53.047	ng		99
92)	Benzo(g,h,i)perylene	18.048	276	1185984	51.349	ng		99

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

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