Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013123\
Data File : BF132241.D
Acq On : 31 Jan 2023 20:13
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 01 04:51:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 04:46:24 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

02/01/2023
Supervised By :Jagrut Upadhyay

02/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.072	152	222169	20.000	ng		0.00
21) Naphthalene-d8	8.360	136	767332	20.000	ng		0.00
39) Acenaphthene-d10	10.131	164	374588	20.000	ng		0.00
64) Phenanthrene-d10	11.625	188	687127	20.000	ng		0.00
76) Chrysene-d12	14.295	240	430683	20.000	ng		0.00
86) Perylene-d12	15.877	264	428600	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.690	112	1786132	133.763	ng		0.00
7) Phenol-d6	6.701	99	2206749	131.803	ng		0.02
23) Nitrobenzene-d5	7.648	82	1932022	131.816	ng		0.01
42) 2,4,6-Tribromophenol	10.925	330	595871	171.789	ng		0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	13.225	244	3180985	116.041	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.966	88	462740	68.853	ng		99
3) Pyridine	3.743	79	1270844	68.849	ng		99
4) n-Nitrosodimethylamine	3.719	42	420931	68.137	ng		99
6) Aniline	6.748	93	1632036m	69.612	ng		
8) 2-Chlorophenol	6.860	128	920754	68.770	ng		99
10) Phenol	6.713	94	1146287	65.766	ng		96
11) bis(2-Chloroethyl)ether	6.813	93	960055	63.854	ng		98
12) 1,3-Dichlorobenzene	7.019	146	992411	66.674	ng		98
13) 1,4-Dichlorobenzene	7.096	146	997584	67.228	ng		99
14) 1,2-Dichlorobenzene	7.248	146	883642	64.103	ng		98
15) Benzyl Alcohol	7.213	79	856529	69.622	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.348	45	968533	56.726	ng		94
17) 2-Methylphenol	7.313	107	850676	69.878	ng		97
18) Hexachloroethane	7.590	117	385769	70.751	ng		95
19) n-Nitroso-di-n-propyla...	7.495	70	605569	60.093	ng		98
20) 3+4-Methylphenols	7.478	107	989703	64.686	ng	#	83
22) Acetophenone	7.490	105	1162476	61.960	ng	#	99
24) Nitrobenzene	7.666	77	978179	64.552	ng		99
25) Isophorone	7.901	82	1956952	69.426	ng		99
26) 2-Nitrophenol	7.978	139	532373	95.236	ng		94
27) 2,4-Dimethylphenol	8.007	122	858268	72.812	ng		98
28) bis(2-Chloroethoxy)met...	8.101	93	1092051	62.927	ng		99
29) 2,4-Dichlorophenol	8.213	162	767693	69.750	ng		96
30) 1,2,4-Trichlorobenzene	8.301	180	795655	62.927	ng		97
31) Naphthalene	8.390	128	2459562	64.783	ng		98
32) Benzoic acid	8.148	122	773854m	111.167	ng		
33) 4-Chloroaniline	8.431	127	1157678	70.336	ng		97
34) Hexachlorobutadiene	8.495	225	464101	58.759	ng		99
35) Caprolactam	8.831	113	283991m	91.130	ng		
36) 4-Chloro-3-methylphenol	8.907	107	846530	75.108	ng		98
37) 2-Methylnaphthalene	9.078	142	1691039	64.916	ng		99
38) 1-Methylnaphthalene	9.178	142	1578331	65.315	ng		99
40) 1,2,4,5-Tetrachloroben...	9.242	216	721023	57.355	ng		99
41) Hexachlorocyclopentadiene	9.231	237	489124	76.602	ng		100
43) 2,4,6-Trichlorophenol	9.348	196	546475	71.244	ng		99
44) 2,4,5-Trichlorophenol	9.389	196	635782	70.778	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.548	154	1874081	64.920	ng		97
47) 2-Chloronaphthalene	9.572	162	1475377	65.849	ng		96
48) 2-Nitroaniline	9.666	65	492418	81.835	ng		93
49) Acenaphthylene	9.995	152	2371644	68.127	ng		98
50) Dimethylphthalate	9.848	163	1827150	71.873	ng		99
51) 2,6-Dinitrotoluene	9.907	165	441056	81.665	ng		99
52) Acenaphthene	10.166	154	1538487	71.880	ng		99
53) 3-Nitroaniline	10.084	138	533395	89.253	ng		95
54) 2,4-Dinitrophenol	10.184	184	270285	116.812	ng		91
55) Dibenzofuran	10.336	168	2090263	65.188	ng		95
56) 4-Nitrophenol	10.225	139	430624	99.733	ng		86
57) 2,4-Dinitrotoluene	10.313	165	593953	89.331	ng		99
58) Fluorene	10.684	166	1588374	64.852	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.448	232	457010	71.603	ng		97
60) Diethylphthalate	10.542	149	1792950	72.352	ng		99
61) 4-Chlorophenyl-phenyle...	10.666	204	769674	59.572	ng		90
62) 4-Nitroaniline	10.713	138	528928	94.328	ng		96
63) Azobenzene	10.831	77	1677237	64.134	ng		97
65) 4,6-Dinitro-2-methylph...	10.725	198	332999	102.606	ng		87
66) n-Nitrosodiphenylamine	10.789	169	1442504	66.852	ng		100
67) 4-Bromophenyl-phenylether	11.166	248	495184	62.599	ng		99
68) Hexachlorobenzene	11.231	284	536450	68.441	ng		99
69) Atrazine	11.313	200	418718	67.611	ng		96
70) Pentachlorophenol	11.419	266	395062	76.363	ng		99
71) Phenanthrene	11.654	178	2385013	68.230	ng		98
72) Anthracene	11.707	178	2401582	67.469	ng		98
73) Carbazole	11.860	167	2202923	72.042	ng		99
74) Di-n-butylphthalate	12.178	149	2597459	74.665	ng		99
75) Fluoranthene	12.854	202	2484939	69.867	ng		98
78) Pyrene	13.089	202	2521463	62.485	ng		98
80) Butylbenzylphthalate	13.689	149	1211641	98.960	ng		94
81) Benzo(a)anthracene	14.283	228	2222232	73.385	ng		98
82) 3,3'-Dichlorobenzidine	14.236	252	648328	79.006	ng		99
83) Chrysene	14.324	228	1988130	70.452	ng		98
84) Bis(2-ethylhexyl)phtha...	14.248	149	1512063	92.597	ng	#	99
85) Di-n-octyl phthalate	14.883	149	2429800	103.518	ng		99
87) Indeno(1,2,3-cd)pyrene	17.542	276	2400914	84.726	ng		98
88) Benzo(b)fluoranthene	15.401	252	1981973	75.293	ng		99
89) Benzo(k)fluoranthene	15.442	252	1786451	65.771	ng		99
90) Benzo(a)pyrene	15.818	252	1849356	74.442	ng		99
91) Dibenzo(a,h)anthracene	17.571	278	1878245	81.068	ng		99
92) Benzo(g,h,i)perylene	18.060	276	2030379	85.952	ng		100

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

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