Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041123\
Data File : BF132852.D
Acq On : 11 Apr 2023 15:44
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 12 03:06:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 12 02:57:29 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	192324	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	704010	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	344066	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	612846	20.000	ng	0.00
76) Chrysene-d12	13.921	240	365703	20.000	ng	0.00
86) Perylene-d12	15.351	264	323201	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1728645	139.634	ng	0.00
7) Phenol-d6	6.410	99	2234162	139.927	ng	0.01
23) Nitrobenzene-d5	7.345	82	2005203	147.387	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	513867	168.051	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	2995428	137.723	ng	0.00
79) Terphenyl-d14	12.880	244	3286240	155.698	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	57	6.838	ng	# 100
3) Pyridine	3.175	79	1288261	75.780	ng	98
4) n-Nitrosodimethylamine	3.146	42	607118	73.963	ng	97
6) Aniline	6.445	93	1521105	73.704	ng	99
8) 2-Chlorophenol	6.557	128	867617	69.677	ng	98
10) Phenol	6.422	94	1248905	69.480	ng	90
11) bis(2-Chloroethyl)ether	6.516	93	912353	68.454	ng	100
12) 1,3-Dichlorobenzene	6.716	146	928846	67.604	ng	99
13) 1,4-Dichlorobenzene	6.793	146	923130	66.656	ng	98
14) 1,2-Dichlorobenzene	6.945	146	854346	65.689	ng	97
15) Benzyl Alcohol	6.922	79	773193	74.482	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	1518001	68.216	ng	98
17) 2-Methylphenol	7.028	107	815116	71.791	ng	99
18) Hexachloroethane	7.287	117	324745	68.116	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	678409	74.630	ng	97
20) 3+4-Methylphenols	7.187	107	903446	66.581	ng	94
22) Acetophenone	7.192	105	1138659	68.248	ng	96
24) Nitrobenzene	7.363	77	1011253	73.357	ng	99
25) Isophorone	7.604	82	1864528	76.863	ng	99
26) 2-Nitrophenol	7.675	139	429649	87.372	ng	95
27) 2,4-Dimethylphenol	7.716	122	756486	76.144	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	1059572	73.609	ng	100
29) 2,4-Dichlorophenol	7.916	162	723308	76.695	ng	99
30) 1,2,4-Trichlorobenzene	7.998	180	751633	72.182	ng	99
31) Naphthalene	8.081	128	2482432	69.099	ng	99
32) Benzoic acid	7.857	122	406630m	77.833	ng	
33) 4-Chloroaniline	8.128	127	1065432	74.655	ng	96
34) Hexachlorobutadiene	8.198	225	407208	71.836	ng	99
35) Caprolactam	8.522	113	230865	80.382	ng	97
36) 4-Chloro-3-methylphenol	8.610	107	780477	77.573	ng	98
37) 2-Methylnaphthalene	8.769	142	1644399	68.441	ng	99
38) 1-Methylnaphthalene	8.869	142	1558317	69.538	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	697904	72.661	ng	99
41) Hexachlorocyclopentadiene	8.928	237	403422	78.022	ng	98
43) 2,4,6-Trichlorophenol	9.045	196	466774	79.107	ng	98
44) 2,4,5-Trichlorophenol	9.081	196	540199	77.521	ng	96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	9.239	154	1889269	68.129	ng		99
47)	2-Chloronaphthalene	9.257	162	1452774	71.565	ng		98
48)	2-Nitroaniline	9.351	65	492116	79.797	ng		95
49)	Acenaphthylene	9.675	152	2325934	70.878	ng		99
50)	Dimethylphthalate	9.545	163	1686638	75.913	ng		99
51)	2,6-Dinitrotoluene	9.598	165	401915	79.294	ng		98
52)	Acenaphthene	9.845	154	1504492	71.349	ng		98
53)	3-Nitroaniline	9.769	138	480073	81.872	ng		95
54)	2,4-Dinitrophenol	9.863	184	194838	90.946	ng		95
55)	Dibenzofuran	10.016	168	2090631	69.946	ng		97
56)	4-Nitrophenol	9.916	139	381471	82.537	ng		91
57)	2,4-Dinitrotoluene	9.998	165	529960	84.157	ng		98
58)	Fluorene	10.357	166	1513182	68.636	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.133	232	421502	79.423	ng		98
60)	Diethylphthalate	10.239	149	1530664	81.055	ng		99
61)	4-Chlorophenyl-phenyle...	10.351	204	733736	69.955	ng		98
62)	4-Nitroaniline	10.386	138	473512	84.548	ng		97
63)	Azobenzene	10.510	77	1753880	71.296	ng		98
65)	4,6-Dinitro-2-methylph...	10.410	198	254230	88.378	ng		86
66)	n-Nitrosodiphenylamine	10.475	169	1364545	72.968	ng		99
67)	4-Bromophenyl-phenylether	10.839	248	488696	75.126	ng		95
68)	Hexachlorobenzene	10.904	284	502511	74.616	ng		98
69)	Atrazine	10.998	200	389654	84.991	ng		99
70)	Pentachlorophenol	11.092	266	360828	81.346	ng		99
71)	Phenanthrene	11.316	178	2352777	69.996	ng		99
72)	Anthracene	11.369	178	2404948	69.986	ng		99
73)	Carbazole	11.522	167	2166894	72.082	ng		99
74)	Di-n-butylphthalate	11.857	149	2059138	79.983	ng		100
75)	Fluoranthene	12.498	202	2459161	73.076	ng		99
77)	Benzidine	12.622	184	328006	78.768	ng		96
78)	Pyrene	12.727	202	2512070	80.416	ng		99
80)	Butylbenzylphthalate	13.357	149	280392	79.334	ng	#	79
81)	Benzo(a)anthracene	13.916	228	1944590	77.309	ng		99
82)	3,3'-Dichlorobenzidine	13.880	252	413993	80.532	ng		97
83)	Chrysene	13.951	228	1854065	74.878	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.916	149	396812	79.224	ng	#	98
85)	Di-n-octyl phthalate	14.527	149	605571	79.578	ng	#	84
87)	Indeno(1,2,3-cd)pyrene	16.757	276	1778609	80.495	ng		98
88)	Benzo(b)fluoranthene	14.945	252	1568823	75.211	ng		98
89)	Benzo(k)fluoranthene	14.974	252	1488553	69.473	ng		98
90)	Benzo(a)pyrene	15.292	252	1466303	78.375	ng		98
91)	Dibenzo(a,h)anthracene	16.774	278	1452421	80.366	ng		99
92)	Benzo(g,h,i)perylene	17.186	276	1500878	80.499	ng		98

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

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