Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041723\
Data File : BF132889.D
Acq On : 17 Apr 2023 15:03
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 18 04:44:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 04:30:31 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.769	152	319121	20.000	ng		0.00
21) Naphthalene-d8	8.051	136	1209340	20.000	ng		0.00
39) Acenaphthene-d10	9.810	164	609537	20.000	ng		0.00
64) Phenanthrene-d10	11.286	188	1047252	20.000	ng		0.00
76) Chrysene-d12	13.927	240	685795	20.000	ng		0.00
86) Perylene-d12	15.351	264	705335	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1871450	91.700	ng		0.00
7) Phenol-d6	6.398	99	2389791	91.767	ng		0.00
23) Nitrobenzene-d5	7.340	82	2163993	93.272	ng		0.00
42) 2,4,6-Tribromophenol	10.598	330	593082	97.009	ng		0.00
45) 2-Fluorobiphenyl	9.134	172	3380568	85.201	ng		0.00
79) Terphenyl-d14	12.880	244	3686430	91.709	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.452	88	464714	46.665	ng		99
3) Pyridine	3.163	79	1296739	47.612	ng		99
4) n-Nitrosodimethylamine	3.122	42	620904	47.979	ng		99
6) Aniline	6.434	93	1625623	47.070	ng		99
8) 2-Chlorophenol	6.551	128	956291	46.188	ng		97
9) Benzaldehyde	6.316	77	665018	43.159	ng		98
10) Phenol	6.416	94	1349494	46.073	ng		98
11) bis(2-Chloroethyl)ether	6.510	93	1000326	45.235	ng		97
12) 1,3-Dichlorobenzene	6.710	146	1045845	45.957	ng		98
13) 1,4-Dichlorobenzene	6.787	146	1034308	45.359	ng		99
14) 1,2-Dichlorobenzene	6.940	146	949133	44.580	ng		99
15) Benzyl Alcohol	6.910	79	851856	47.730	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	1748273	45.689	ng		99
17) 2-Methylphenol	7.022	107	881976	46.509	ng		98
18) Hexachloroethane	7.281	117	367224	46.404	ng		99
19) n-Nitroso-di-n-propyla...	7.192	70	746556	45.927	ng		97
20) 3+4-Methylphenols	7.181	107	999657	44.600	ng	#	86
22) Acetophenone	7.181	105	1268548	44.715	ng	#	96
24) Nitrobenzene	7.357	77	1098074	46.176	ng		97
25) Isophorone	7.598	82	2065145	46.927	ng		98
26) 2-Nitrophenol	7.669	139	464792	51.811	ng		95
27) 2,4-Dimethylphenol	7.710	122	845912	46.225	ng		99
28) bis(2-Chloroethoxy)met...	7.810	93	1207870	45.906	ng		99
29) 2,4-Dichlorophenol	7.910	162	801632	47.063	ng		98
30) 1,2,4-Trichlorobenzene	7.998	180	848558	46.139	ng		98
31) Naphthalene	8.075	128	2742410	44.875	ng		100
32) Benzoic acid	7.839	122	485562m	53.188	ng		
33) 4-Chloroaniline	8.122	127	1165009	46.544	ng		99
34) Hexachlorobutadiene	8.198	225	483850	45.987	ng		99
35) Caprolactam	8.510	113	253482	49.972	ng		97
36) 4-Chloro-3-methylphenol	8.604	107	851285	47.616	ng		99
37) 2-Methylnaphthalene	8.769	142	1868241	44.415	ng		99
38) 1-Methylnaphthalene	8.863	142	1756130	44.807	ng		99
40) 1,2,4,5-Tetrachloroben...	8.934	216	789020	45.765	ng		99
41) Hexachlorocyclopentadiene	8.922	237	453097	49.861	ng		98
43) 2,4,6-Trichlorophenol	9.039	196	529198	48.422	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.075	196	609526	47.695	ng		99
46)	1,1'-Biphenyl	9.233	154	2162067	44.744	ng		99
47)	2-Chloronaphthalene	9.257	162	1635473	45.738	ng		99
48)	2-Nitroaniline	9.345	65	541035	52.302	ng		98
49)	Acenaphthylene	9.669	152	2566291	44.997	ng		99
50)	Dimethylphthalate	9.539	163	1921909	45.606	ng		100
51)	2,6-Dinitrotoluene	9.592	165	445287	48.194	ng		92
52)	Acenaphthene	9.845	154	1658089	45.116	ng		99
53)	3-Nitroaniline	9.763	138	516615	49.136	ng		93
54)	2,4-Dinitrophenol	9.863	184	188858	52.472	ng	#	80
55)	Dibenzofuran	10.016	168	2326927	44.626	ng		98
56)	4-Nitrophenol	9.910	139	386517	49.489	ng		92
57)	2,4-Dinitrotoluene	9.992	165	572962	50.246	ng		96
58)	Fluorene	10.357	166	1653528	43.291	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.128	232	478460	48.240	ng		100
60)	Diethylphthalate	10.233	149	1834171	46.578	ng		100
61)	4-Chlorophenyl-phenyle...	10.351	204	848984	43.699	ng		97
62)	4-Nitroaniline	10.375	138	499662	49.444	ng		95
63)	Azobenzene	10.510	77	1986324	45.157	ng		99
65)	4,6-Dinitro-2-methylph...	10.404	198	260731	51.986	ng		83
66)	n-Nitrosodiphenylamine	10.469	169	1560862	45.763	ng		100
67)	4-Bromophenyl-phenylether	10.839	248	555863	46.482	ng		98
68)	Hexachlorobenzene	10.904	284	577419	46.541	ng		96
69)	Atrazine	10.998	200	460075	48.260	ng		98
70)	Pentachlorophenol	11.092	266	397809	49.689	ng		99
71)	Phenanthrene	11.316	178	2510815	44.573	ng		98
72)	Anthracene	11.369	178	2582793	44.790	ng		100
73)	Carbazole	11.522	167	2272163	45.539	ng		100
74)	Di-n-butylphthalate	11.857	149	2593315	48.485	ng		100
75)	Fluoranthene	12.498	202	2560820	45.715	ng		99
77)	Benzidine	12.622	184	587192	54.965	ng		99
78)	Pyrene	12.727	202	2647515	47.212	ng		100
80)	Butylbenzylphthalate	13.357	149	640683	47.414	ng		88
81)	Benzo(a)anthracene	13.916	228	2230052	47.815	ng		100
82)	3,3'-Dichlorobenzidine	13.880	252	610458	54.110	ng		99
83)	Chrysene	13.957	228	2212400	47.726	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.921	149	953579	53.758	ng		100
85)	Di-n-octyl phthalate	14.533	149	1843841	47.847	ng		98
87)	Indeno(1,2,3-cd)pyrene	16.757	276	1900584	47.157	ng		100
88)	Benzo(b)fluoranthene	14.945	252	2222057	50.575	ng		99
89)	Benzo(k)fluoranthene	14.974	252	1964341	44.882	ng		99
90)	Benzo(a)pyrene	15.298	252	1968089	49.031	ng		99
91)	Dibenzo(a,h)anthracene	16.774	278	1603258	46.687	ng		99
92)	Benzo(g,h,i)perylene	17.180	276	1520119	46.232	ng		99

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

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