Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041323\
Data File : BF132881.D
Acq On : 13 Apr 2023 17:07
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 14 05:23:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 14 05:12:08 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF041323

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.769	152	304424	20.000	ng		0.00
21) Naphthalene-d8	8.051	136	1126816	20.000	ng		0.00
39) Acenaphthene-d10	9.804	164	540709	20.000	ng		0.00
64) Phenanthrene-d10	11.286	188	920576	20.000	ng		0.00
76) Chrysene-d12	13.922	240	600167	20.000	ng		0.00
86) Perylene-d12	15.345	264	484635	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1615103	81.974	ng		0.00
7) Phenol-d6	6.398	99	2039840	82.106	ng		0.00
23) Nitrobenzene-d5	7.334	82	1802459	83.762	ng		0.00
42) 2,4,6-Tribromophenol	10.592	330	457583	86.366	ng		0.00
45) 2-Fluorobiphenyl	9.134	172	2812724	77.768	ng		0.00
79) Terphenyl-d14	12.875	244	2939073	80.587	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.481	88	400736	41.134	ng		99
3) Pyridine	3.193	79	1104250	42.157	ng		98
4) n-Nitrosodimethylamine	3.152	42	516955	41.041	ng		96
6) Aniline	6.434	93	1348613	41.664	ng		100
8) 2-Chlorophenol	6.551	128	813418	40.998	ng		98
9) Benzaldehyde	6.316	77	576167	38.890	ng		98
10) Phenol	6.410	94	1152635	41.464	ng		97
11) bis(2-Chloroethyl)ether	6.510	93	854368	40.816	ng		97
12) 1,3-Dichlorobenzene	6.710	146	882662	40.833	ng		99
13) 1,4-Dichlorobenzene	6.787	146	873045	40.456	ng		99
14) 1,2-Dichlorobenzene	6.946	146	816547	40.758	ng		100
15) Benzyl Alcohol	6.910	79	721050	43.313	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.051	45	1430721	40.534	ng		99
17) 2-Methylphenol	7.022	107	730967	41.194	ng		98
18) Hexachloroethane	7.281	117	312802	41.331	ng		93
19) n-Nitroso-di-n-propyla...	7.193	70	597338	40.263	ng		99
20) 3+4-Methylphenols	7.181	107	846537	40.425	ng		99
22) Acetophenone	7.181	105	1052310	40.330	ng	#	88
24) Nitrobenzene	7.357	77	913493	41.656	ng		98
25) Isophorone	7.593	82	1609277	41.053	ng		99
26) 2-Nitrophenol	7.669	139	394045	46.487	ng		100
27) 2,4-Dimethylphenol	7.710	122	703962	42.082	ng		99
28) bis(2-Chloroethoxy)met...	7.810	93	976853	41.014	ng		100
29) 2,4-Dichlorophenol	7.910	162	653270	41.686	ng		99
30) 1,2,4-Trichlorobenzene	7.998	180	695540	41.242	ng		99
31) Naphthalene	8.075	128	2284626	40.510	ng		100
32) Benzoic acid	7.828	122	383442m	46.598	ng		
33) 4-Chloroaniline	8.122	127	947611	41.384	ng		98
34) Hexachlorobutadiene	8.198	225	403198	41.792	ng		99
35) Caprolactam	8.504	113	200122	44.683	ng		100
36) 4-Chloro-3-methylphenol	8.598	107	673258	42.112	ng		99
37) 2-Methylnaphthalene	8.769	142	1531196	40.518	ng		100
38) 1-Methylnaphthalene	8.863	142	1437415	40.773	ng		99
40) 1,2,4,5-Tetrachloroben...	8.934	216	642849	40.090	ng		100
41) Hexachlorocyclopentadiene	8.922	237	366584	44.418	ng		98
43) 2,4,6-Trichlorophenol	9.039	196	414906	41.903	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	481283	41.680	ng		98
46) 1,1'-Biphenyl	9.234	154	1759286	39.834	ng		99
47) 2-Chloronaphthalene	9.251	162	1307028	40.413	ng		98
48) 2-Nitroaniline	9.345	65	422799	45.429	ng		97
49) Acenaphthylene	9.669	152	2059909	40.055	ng		99
50) Dimethylphthalate	9.534	163	1505279	41.210	ng		99
51) 2,6-Dinitrotoluene	9.586	165	351319	43.945	ng		89
52) Acenaphthene	9.839	154	1333668	39.934	ng		99
53) 3-Nitroaniline	9.757	138	400191	43.097	ng		99
54) 2,4-Dinitrophenol	9.857	184	153551	46.611	ng		95
55) Dibenzofuran	10.010	168	1845539	39.594	ng		99
56) 4-Nitrophenol	9.904	139	304565	43.216	ng		99
57) 2,4-Dinitrotoluene	9.992	165	443506	44.831	ng		95
58) Fluorene	10.351	166	1347725	39.498	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	370607	41.726	ng		100
60) Diethylphthalate	10.234	149	1400198	41.685	ng		100
61) 4-Chlorophenyl-phenyle...	10.345	204	679089	40.601	ng		96
62) 4-Nitroaniline	10.369	138	384291	43.914	ng		99
63) Azobenzene	10.510	77	1559933	40.690	ng		98
65) 4,6-Dinitro-2-methylph...	10.398	198	209061	46.614	ng		89
66) n-Nitrosodiphenylamine	10.463	169	1256495	41.231	ng		99
67) 4-Bromophenyl-phenylether	10.833	248	432491	41.451	ng	#	92
68) Hexachlorobenzene	10.898	284	444794	41.260	ng	#	90
69) Atrazine	10.992	200	356002	43.209	ng		98
70) Pentachlorophenol	11.086	266	315381	44.508	ng		98
71) Phenanthrene	11.310	178	2026756	40.188	ng		100
72) Anthracene	11.363	178	2101424	40.904	ng		99
73) Carbazole	11.516	167	1816791	40.228	ng		100
74) Di-n-butylphthalate	11.857	149	1987027	43.899	ng		99
75) Fluoranthene	12.498	202	2074404	41.478	ng		99
77) Benzidine	12.616	184	425125	47.509	ng		98
78) Pyrene	12.722	202	2122220	41.008	ng		99
80) Butylbenzylphthalate	13.351	149	493741	43.027	ng		96
81) Benzo(a)anthracene	13.910	228	1735475	41.599	ng		100
82) 3,3'-Dichlorobenzidine	13.874	252	413831	46.359	ng		98
83) Chrysene	13.945	228	1675191	41.212	ng		99
84) Bis(2-ethylhexyl)phtha...	13.916	149	674033	45.012	ng		98
85) Di-n-octyl phthalate	14.521	149	991580	45.390	ng		98
87) Indeno(1,2,3-cd)pyrene	16.739	276	1335144	46.563	ng		99
88) Benzo(b)fluoranthene	14.939	252	1305498	41.902	ng		99
89) Benzo(k)fluoranthene	14.969	252	1292416	40.589	ng		100
90) Benzo(a)pyrene	15.286	252	1186936	42.176	ng		98
91) Dibenzo(a,h)anthracene	16.763	278	1101070	46.024	ng		98
92) Benzo(g,h,i)perylene	17.162	276	1099123	45.997	ng		99

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

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