Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132781.D
Acq On : 14 Mar 2023 16:45
Operator : CG\JU
Sample : 01891-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 14 17:17:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 14 15:35:42 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
C0AA7MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	210735	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	781768	20.000	ng		0.00
39) Acenaphthene-d10	10.010	164	424544	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	796410	20.000	ng		0.00
76) Chrysene-d12	14.157	240	385113	20.000	ng	#	0.00
86) Perylene-d12	15.686	264	428282	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.598	112	743469	57.258	ng		0.00
7) Phenol-d6	6.593	99	571141	33.704	ng		-0.01
23) Nitrobenzene-d5	7.534	82	1339294	81.280	ng		0.00
42) 2,4,6-Tribromophenol	10.810	330	575657	125.555	ng		0.00
45) 2-Fluorobiphenyl	9.328	172	2099587	75.303	ng		0.00
79) Terphenyl-d14	13.092	244	2411542	105.873	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.852	88	117407	16.346	ng		95
3) Pyridine	3.628	79	271747	14.254	ng		92
4) n-Nitrosodimethylamine	3.575	42	115575	16.049	ng		85
6) Aniline	6.628	93	459851	20.164	ng		96
8) 2-Chlorophenol	6.751	128	509670	37.820	ng		97
9) Benzaldehyde	6.522	77	324787	35.519	ng		95
10) Phenol	6.610	94	253056	13.025	ng		87
11) bis(2-Chloroethyl)ether	6.698	93	664630	44.314	ng		94
12) 1,3-Dichlorobenzene	6.904	146	549231	37.978	ng		98
13) 1,4-Dichlorobenzene	6.981	146	552747	38.278	ng		99
14) 1,2-Dichlorobenzene	7.134	146	544798	39.311	ng		98
15) Benzyl Alcohol	7.104	79	347887	26.656	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.234	45	796396	41.640	ng		89
17) 2-Methylphenol	7.222	107	335796	26.699	ng		99
18) Hexachloroethane	7.475	117	207040	36.699	ng		99
19) n-Nitroso-di-n-propyla...	7.381	70	417273	40.010	ng		91
20) 3+4-Methylphenols	7.369	107	321668	19.796	ng	#	63
22) Acetophenone	7.375	105	818436	41.518	ng	#	87
24) Nitrobenzene	7.551	77	711489	40.374	ng		99
25) Isophorone	7.787	82	1328471	42.052	ng		100
26) 2-Nitrophenol	7.869	139	335245	43.116	ng		90
27) 2,4-Dimethylphenol	7.898	122	457235	37.259	ng		98
28) bis(2-Chloroethoxy)met...	7.992	93	814258	44.060	ng		99
29) 2,4-Dichlorophenol	8.110	162	490253	40.161	ng		100
30) 1,2,4-Trichlorobenzene	8.192	180	551857	41.633	ng		97
31) Naphthalene	8.275	128	1616497	40.391	ng		100
32) Benzoic acid	7.987	122	59775	9.523	ng		97
33) 4-Chloroaniline	8.322	127	291839	17.017	ng	#	92
34) Hexachlorobutadiene	8.381	225	330127	39.193	ng		100
35) Caprolactam	8.692	113	26305	6.536	ng		97
36) 4-Chloro-3-methylphenol	8.798	107	487327	36.351	ng		96
37) 2-Methylnaphthalene	8.963	142	1118876	41.023	ng		100
38) 1-Methylnaphthalene	9.063	142	1034470	40.585	ng		100
40) 1,2,4,5-Tetrachloroben...	9.134	216	599670	43.173	ng		100
41) Hexachlorocyclopentadiene	9.116	237	577162	76.609	ng		100
43) 2,4,6-Trichlorophenol	9.245	196	392976	41.747	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.286	196	413031	37.594	ng		97
46) 1,1'-Biphenyl	9.428	154	1362035	42.387	ng		100
47) 2-Chloronaphthalene	9.457	162	1102279	43.266	ng		100
48) 2-Nitroaniline	9.557	65	373416	39.797	ng		88
49) Acenaphthylene	9.875	152	1684041	41.534	ng		100
50) Dimethylphthalate	9.728	163	1351724	43.728	ng		100
51) 2,6-Dinitrotoluene	9.798	165	309328	43.939	ng		88
52) Acenaphthene	10.045	154	1155174m	44.867	ng		
53) 3-Nitroaniline	9.969	138	193913	24.624	ng		91
54) 2,4-Dinitrophenol	10.081	184	293899	66.566	ng		92
55) Dibenzofuran	10.222	168	1532414	40.827	ng		99
56) 4-Nitrophenol	10.133	139	127617	21.730	ng		89
57) 2,4-Dinitrotoluene	10.204	165	409004	43.670	ng		92
58) Fluorene	10.563	166	1198942	41.760	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.339	232	343303	42.065	ng		97
60) Diethylphthalate	10.428	149	1286340	42.608	ng		99
61) 4-Chlorophenyl-phenyle...	10.551	204	631874	42.425	ng		93
62) 4-Nitroaniline	10.586	138	309133	39.990	ng		92
63) Azobenzene	10.710	77	1371621	42.899	ng		98
65) 4,6-Dinitro-2-methylph...	10.616	198	221251	41.039	ng		93
66) n-Nitrosodiphenylamine	10.669	169	1070811	43.128	ng		99
67) 4-Bromophenyl-phenylether	11.039	248	407329	45.215	ng		96
68) Hexachlorobenzene	11.110	284	456137	48.120	ng	#	93
69) Atrazine	11.198	200	373199	48.147	ng		98
70) Pentachlorophenol	11.310	266	371649	65.898	ng		98
71) Phenanthrene	11.533	178	1757502	42.598	ng		100
72) Anthracene	11.580	178	1797180	42.300	ng		99
73) Carbazole	11.739	167	1605356	41.909	ng		100
74) Di-n-butylphthalate	12.051	149	1958253	43.581	ng		100
75) Fluoranthene	12.727	202	1806268	40.047	ng		98
77) Benzidine	12.839	184	205358	21.905	ng		99
78) Pyrene	12.957	202	1827009	52.180	ng		100
80) Butylbenzylphthalate	13.563	149	683288	49.452	ng		93
81) Benzo(a)anthracene	14.145	228	1291227	44.811	ng		98
82) 3,3'-Dichlorobenzidine	14.104	252	272784	32.110	ng		99
83) Chrysene	14.186	228	1220348	45.289	ng		99
84) Bis(2-ethylhexyl)phtha...	14.116	149	823380	48.510	ng		97
85) Di-n-octyl phthalate	14.733	149	1255107	50.602	ng		97
87) Indeno(1,2,3-cd)pyrene	17.274	276	1457220	51.927	ng		100
88) Benzo(b)fluoranthene	15.233	252	1373967	47.871	ng		99
89) Benzo(k)fluoranthene	15.263	252	1156766	41.181	ng		99
90) Benzo(a)pyrene	15.627	252	1168055	43.483	ng		99
91) Dibenzo(a,h)anthracene	17.286	278	1197065	52.354	ng		99
92) Benzo(g,h,i)perylene	17.751	276	1198531	46.438	ng		100

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

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