Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132782.D
Acq On : 14 Mar 2023 17:17
Operator : CG\JU
Sample : 01891-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 14 18:17:17 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 :
C0AA7MSD

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	199285	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	743297	20.000	ng		0.00
39) Acenaphthene-d10	10.010	164	396905	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	752891	20.000	ng		0.00
76) Chrysene-d12	14.157	240	365796	20.000	ng	#	0.00
86) Perylene-d12	15.686	264	419020	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.598	112	699300	56.951	ng		0.00
7) Phenol-d6	6.592	99	542926	33.879	ng		-0.01
23) Nitrobenzene-d5	7.534	82	1285606	82.060	ng		0.00
42) 2,4,6-Tribromophenol	10.810	330	538893	125.721	ng		0.00
45) 2-Fluorobiphenyl	9.328	172	2010665	77.136	ng		0.00
79) Terphenyl-d14	13.092	244	2307916	106.674	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.846	88	110953	16.335	ng		94
3) Pyridine	3.628	79	247040	13.702	ng		95
4) n-Nitrosodimethylamine	3.569	42	106484	15.636	ng		83
6) Aniline	6.628	93	467965	21.699	ng		95
8) 2-Chlorophenol	6.751	128	478519	37.548	ng		97
9) Benzaldehyde	6.522	77	307809	35.596	ng		94
10) Phenol	6.610	94	242132	13.179	ng		87
11) bis(2-Chloroethyl)ether	6.698	93	632962	44.627	ng		93
12) 1,3-Dichlorobenzene	6.904	146	523386	38.270	ng		97
13) 1,4-Dichlorobenzene	6.981	146	523967	38.370	ng		99
14) 1,2-Dichlorobenzene	7.134	146	523079	39.913	ng		98
15) Benzyl Alcohol	7.104	79	331018	26.821	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.234	45	755523	41.773	ng		90
17) 2-Methylphenol	7.222	107	319526	26.865	ng		99
18) Hexachloroethane	7.475	117	196989	36.924	ng		97
19) n-Nitroso-di-n-propyla...	7.381	70	397563	40.310	ng	#	91
20) 3+4-Methylphenols	7.369	107	302240	19.669	ng	#	63
22) Acetophenone	7.375	105	774432	41.319	ng	#	87
24) Nitrobenzene	7.551	77	678413	40.489	ng		97
25) Isophorone	7.787	82	1265256	42.124	ng		100
26) 2-Nitrophenol	7.869	139	322427	43.614	ng		90
27) 2,4-Dimethylphenol	7.898	122	437182	37.469	ng		99
28) bis(2-Chloroethoxy)met...	7.992	93	769831	43.812	ng		98
29) 2,4-Dichlorophenol	8.110	162	468293	40.347	ng		100
30) 1,2,4-Trichlorobenzene	8.192	180	525424	41.690	ng		98
31) Naphthalene	8.275	128	1535738	40.359	ng		100
32) Benzoic acid	7.992	122	59132	9.753	ng		97
33) 4-Chloroaniline	8.322	127	328349	20.136	ng	#	92
34) Hexachlorobutadiene	8.381	225	319195	39.856	ng		99
35) Caprolactam	8.686	113	24830	6.489	ng		96
36) 4-Chloro-3-methylphenol	8.798	107	470550	36.916	ng		96
37) 2-Methylnaphthalene	8.963	142	1060994	40.914	ng		99
38) 1-Methylnaphthalene	9.063	142	990777	40.883	ng		99
40) 1,2,4,5-Tetrachloroben...	9.133	216	580577	44.709	ng		99
41) Hexachlorocyclopentadiene	9.116	237	549351	77.995	ng		99
43) 2,4,6-Trichlorophenol	9.245	196	370851	42.140	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.286	196	400922	39.033	ng		97
46)	1,1'-Biphenyl	9.428	154	1301660	43.329	ng		99
47)	2-Chloronaphthalene	9.457	162	1060140	44.510	ng		99
48)	2-Nitroaniline	9.557	65	350088	39.909	ng		86
49)	Acenaphthylene	9.875	152	1611341	42.508	ng		100
50)	Dimethylphthalate	9.728	163	1291663	44.695	ng		99
51)	2,6-Dinitrotoluene	9.798	165	298636	45.374	ng	#	81
52)	Acenaphthene	10.045	154	1109649m	46.100	ng		
53)	3-Nitroaniline	9.969	138	198259	26.929	ng		91
54)	2,4-Dinitrophenol	10.080	184	279155	67.600	ng		89
55)	Dibenzofuran	10.222	168	1481421	42.217	ng		97
56)	4-Nitrophenol	10.133	139	120347	21.919	ng		83
57)	2,4-Dinitrotoluene	10.204	165	392235	44.796	ng		93
58)	Fluorene	10.563	166	1155829	43.062	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.333	232	331624	43.464	ng		97
60)	Diethylphthalate	10.428	149	1239322	43.909	ng		99
61)	4-Chlorophenyl-phenyle...	10.551	204	606857	43.583	ng		93
62)	4-Nitroaniline	10.586	138	288856	39.969	ng		92
63)	Azobenzene	10.710	77	1311994	43.891	ng		98
65)	4,6-Dinitro-2-methylph...	10.616	198	213109	41.813	ng		93
66)	n-Nitrosodiphenylamine	10.669	169	1014021	43.201	ng		99
67)	4-Bromophenyl-phenylether	11.039	248	391597	45.982	ng		99
68)	Hexachlorobenzene	11.110	284	444394	49.591	ng		96
69)	Atrazine	11.198	200	362214	49.431	ng		99
70)	Pentachlorophenol	11.310	266	350698	65.777	ng		98
71)	Phenanthrene	11.533	178	1691902	43.378	ng		99
72)	Anthracene	11.586	178	1695159	42.205	ng		100
73)	Carbazole	11.739	167	1512554	41.769	ng		100
74)	Di-n-butylphthalate	12.057	149	1855998	43.693	ng		98
75)	Fluoranthene	12.727	202	1734124	40.670	ng		99
77)	Benzidine	12.839	184	211046	23.701	ng		100
78)	Pyrene	12.957	202	1729414	52.001	ng		99
80)	Butylbenzylphthalate	13.563	149	639761	48.747	ng		95
81)	Benzo(a)anthracene	14.151	228	1241637	45.365	ng		98
82)	3,3'-Dichlorobenzidine	14.104	252	277161	34.348	ng		98
83)	Chrysene	14.186	228	1164587	45.502	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.116	149	778189	48.268	ng		99
85)	Di-n-octyl phthalate	14.733	149	1175756	49.906	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.268	276	1419269	51.692	ng		100
88)	Benzo(b)fluoranthene	15.233	252	1282976	45.689	ng		98
89)	Benzo(k)fluoranthene	15.268	252	1134839	41.293	ng		99
90)	Benzo(a)pyrene	15.627	252	1120831	42.648	ng		99
91)	Dibenzo(a,h)anthracene	17.286	278	1153501	51.564	ng		99
92)	Benzo(g,h,i)perylene	17.751	276	1173885	46.486	ng		100

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

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