Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132745.D
Acq On : 10 Mar 2023 17:07
Operator : CG\JU
Sample : 01853-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

Quant Time: Mar 10 17:52:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 16:26:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.981	152	225087	20.000	ng		0.00
21) Naphthalene-d8	8.269	136	824963	20.000	ng		0.00
39) Acenaphthene-d10	10.027	164	460493	20.000	ng		0.00
64) Phenanthrene-d10	11.522	188	825874	20.000	ng		0.00
76) Chrysene-d12	14.186	240	386377	20.000	ng		0.00
86) Perylene-d12	15.727	264	458511	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.622	112	1358674	97.966	ng		0.01
7) Phenol-d6	6.616	99	1848105	102.105	ng		0.00
23) Nitrobenzene-d5	7.551	82	1249128	71.838	ng		0.00
42) 2,4,6-Tribromophenol	10.827	330	492574	99.047	ng		0.00
45) 2-Fluorobiphenyl	9.345	172	1985888	65.665	ng		0.00
79) Terphenyl-d14	13.116	244	1892760	82.825	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.916	88	311296	40.578	ng		95
3) Pyridine	3.669	79	800189	39.295	ng		96
4) n-Nitrosodimethylamine	3.640	42	317010	41.213	ng		87
6) Aniline	6.645	93	808239	33.181	ng		96
8) 2-Chlorophenol	6.769	128	703029	48.842	ng		96
9) Benzaldehyde	6.534	77	334185	34.217	ng		97
10) Phenol	6.628	94	888611	42.822	ng		99
11) bis(2-Chloroethyl)ether	6.710	93	723719	45.177	ng		97
12) 1,3-Dichlorobenzene	6.922	146	727131	47.074	ng		98
13) 1,4-Dichlorobenzene	6.998	146	722716	46.857	ng		99
14) 1,2-Dichlorobenzene	7.151	146	694045	46.887	ng		98
15) Benzyl Alcohol	7.122	79	647303	46.436	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.251	45	869481	42.563	ng		93
17) 2-Methylphenol	7.234	107	584732	43.527	ng		98
18) Hexachloroethane	7.492	117	282788	46.930	ng		96
19) n-Nitroso-di-n-propyla...	7.398	70	453458	40.707	ng		91
20) 3+4-Methylphenols	7.386	107	632458	36.441	ng		94
22) Acetophenone	7.392	105	865233	41.594	ng	#	91
24) Nitrobenzene	7.569	77	775877	41.722	ng		98
25) Isophorone	7.804	82	1441059	43.227	ng		100
26) 2-Nitrophenol	7.881	139	373400	45.509	ng		99
27) 2,4-Dimethylphenol	7.916	122	587720	45.384	ng		100
28) bis(2-Chloroethoxy)met...	8.010	93	865550	44.384	ng		99
29) 2,4-Dichlorophenol	8.128	162	575419	44.669	ng		99
30) 1,2,4-Trichlorobenzene	8.204	180	644929	46.106	ng		99
31) Naphthalene	8.292	128	1796041	42.527	ng		100
32) Benzoic acid	8.045	122	369043m	37.110	ng		
33) 4-Chloroaniline	8.333	127	226941	12.540	ng		94
34) Hexachlorobutadiene	8.398	225	413422	46.512	ng		99
35) Caprolactam	8.728	113	195871m	46.122	ng		
36) 4-Chloro-3-methylphenol	8.828	107	630895	44.596	ng		94
37) 2-Methylnaphthalene	8.980	142	1209833	42.035	ng		99
38) 1-Methylnaphthalene	9.080	142	1137164	42.278	ng		100
40) 1,2,4,5-Tetrachloroben...	9.151	216	665931	44.200	ng		99
41) Hexachlorocyclopentadiene	9.133	237	658222	80.548	ng		97
43) 2,4,6-Trichlorophenol	9.263	196	441420	43.233	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.310	196	457437	38.386	ng		99
46) 1,1'-Biphenyl	9.445	154	1499305	43.017	ng		99
47) 2-Chloronaphthalene	9.475	162	1229099	44.478	ng		99
48) 2-Nitroaniline	9.575	65	400433	39.345	ng		88
49) Acenaphthylene	9.892	152	1839908	41.835	ng		99
50) Dimethylphthalate	9.745	163	1486480	44.333	ng		99
51) 2,6-Dinitrotoluene	9.816	165	336755	44.101	ng	#	88
52) Acenaphthene	10.063	154	1278102m	45.766	ng		
53) 3-Nitroaniline	9.980	138	203446	23.818	ng		98
54) 2,4-Dinitrophenol	10.098	184	317832	66.372	ng	#	90
55) Dibenzofuran	10.239	168	1699282	41.738	ng		99
56) 4-Nitrophenol	10.157	139	443884	69.681	ng		92
57) 2,4-Dinitrotoluene	10.222	165	432177	42.542	ng		99
58) Fluorene	10.580	166	1316680	42.281	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.357	232	390188	44.078	ng		97
60) Diethylphthalate	10.445	149	1427019	43.577	ng		99
61) 4-Chlorophenyl-phenyle...	10.569	204	697138	43.153	ng		97
62) 4-Nitroaniline	10.610	138	326947	38.993	ng		93
63) Azobenzene	10.727	77	1607450	46.350	ng		98
65) 4,6-Dinitro-2-methylph...	10.633	198	238897	42.731	ng		98
66) n-Nitrosodiphenylamine	10.692	169	1159146	45.020	ng		100
67) 4-Bromophenyl-phenylether	11.063	248	440299	47.132	ng		98
68) Hexachlorobenzene	11.133	284	486411	49.483	ng		98
69) Atrazine	11.216	200	399295	49.676	ng		99
70) Pentachlorophenol	11.327	266	417304	71.353	ng		99
71) Phenanthrene	11.551	178	1814343	42.407	ng		100
72) Anthracene	11.604	178	1851578	42.026	ng		99
73) Carbazole	11.757	167	1539514	38.756	ng		100
74) Di-n-butylphthalate	12.074	149	2036879	43.714	ng		100
75) Fluoranthene	12.745	202	1719864	36.771	ng		99
77) Benzidine	12.863	184	549840	58.459	ng		99
78) Pyrene	12.980	202	1690942	48.136	ng		99
80) Butylbenzylphthalate	13.586	149	663274	47.847	ng		97
81) Benzo(a)anthracene	14.174	228	1285737	44.474	ng		98
82) 3,3'-Dichlorobenzidine	14.127	252	219864	25.796	ng		98
83) Chrysene	14.210	228	1198083	44.318	ng		99
84) Bis(2-ethylhexyl)phtha...	14.139	149	867538	50.944	ng		100
85) Di-n-octyl phthalate	14.762	149	1460038	58.672	ng		98
87) Indeno(1,2,3-cd)pyrene	17.327	276	1567003	52.157	ng		99
88) Benzo(b)fluoranthene	15.268	252	1292336	42.058	ng		98
89) Benzo(k)fluoranthene	15.298	252	1253287	41.676	ng		98
90) Benzo(a)pyrene	15.662	252	1192662	41.472	ng		100
91) Dibenzo(a,h)anthracene	17.339	278	1284195	52.462	ng		97
92) Benzo(g,h,i)perylene	17.809	276	1267930	45.907	ng		99

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

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