Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
Data File : BF136013.D
Acq On : 28 Oct 2023 19:13
Operator : CG\JU
Sample : 04844-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 30 00:29:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 26 03:58:01 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
10/31/2023
Supervised By :mohammad ahmed
10/31/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	182762	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	714127	20.000	ng	#	0.00
39) Acenaphthene-d10	9.869	164	371052	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	674709	20.000	ng		0.00
76) Chrysene-d12	14.015	240	358648	20.000	ng		0.00
86) Perylene-d12	15.498	264	416349	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1383851	116.922	ng		0.02
7) Phenol-d6	6.463	99	1646432	111.737	ng		0.00
23) Nitrobenzene-d5	7.392	82	1096503	97.524	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	533331	164.213	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	1927470	83.179	ng		0.00
79) Terphenyl-d14	12.957	244	2188985	101.975	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	201801	36.705	ng	#	83
3) Pyridine	3.498	79	437751	28.847	ng		96
4) n-Nitrosodimethylamine	3.445	42	255640	38.635	ng		91
6) Aniline	6.492	93	323670	16.313	ng		98
8) 2-Chlorophenol	6.610	128	569927	46.515	ng		99
9) Benzaldehyde	6.375	77	133954	16.806	ng		97
10) Phenol	6.475	94	595998m	38.690	ng		
11) bis(2-Chloroethyl)ether	6.563	93	541915	45.196	ng		98
12) 1,3-Dichlorobenzene	6.763	146	573088	44.035	ng		99
13) 1,4-Dichlorobenzene	6.845	146	587211	44.926	ng		98
14) 1,2-Dichlorobenzene	6.992	146	562181	46.317	ng		99
15) Benzyl Alcohol	6.969	79	462317	44.384	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	746644	42.284	ng		96
17) 2-Methylphenol	7.081	107	434209	40.209	ng		99
18) Hexachloroethane	7.333	117	211136	47.505	ng		97
19) n-Nitroso-di-n-propyla...	7.245	70	372270	44.428	ng		96
20) 3+4-Methylphenols	7.233	107	529696	40.642	ng	#	89
22) Acetophenone	7.239	105	761602	47.219	ng	#	93
24) Nitrobenzene	7.410	77	560422	47.421	ng		99
25) Isophorone	7.645	82	1067747	47.302	ng		100
26) 2-Nitrophenol	7.722	139	283081	60.508	ng		100
27) 2,4-Dimethylphenol	7.763	122	432677	42.057	ng		99
28) bis(2-Chloroethoxy)met...	7.863	93	654505	47.217	ng		98
29) 2,4-Dichlorophenol	7.963	162	479404	52.038	ng		99
30) 1,2,4-Trichlorobenzene	8.045	180	506021	48.512	ng		99
31) Naphthalene	8.128	128	1585485	45.921	ng		100
32) Benzoic acid	7.886	122	334224	59.138	ng		90
33) 4-Chloroaniline	8.175	127	64513	4.228	ng		99
34) Hexachlorobutadiene	8.245	225	280652	47.736	ng		100
35) Caprolactam	8.557	113	143347m	46.758	ng		
36) 4-Chloro-3-methylphenol	8.657	107	496873	50.752	ng		99
37) 2-Methylnaphthalene	8.822	142	1006669	44.067	ng		100
38) 1-Methylnaphthalene	8.922	142	981118	45.964	ng		100
40) 1,2,4,5-Tetrachloroben...	8.986	216	485767	46.352	ng		100
41) Hexachlorocyclopentadiene	8.975	237	434944	84.169	ng		97
43) 2,4,6-Trichlorophenol	9.098	196	329878	53.780	ng		99

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44) 2,4,5-Trichlorophenol	9.139	196	359480	49.360	ng		99
46) 1,1'-Biphenyl	9.292	154	1285741	45.730	ng		99
47) 2-Chloronaphthalene	9.310	162	987087	47.465	ng		97
48) 2-Nitroaniline	9.410	65	310269	53.257	ng		93
49) Acenaphthylene	9.727	152	1549279	47.222	ng		99
50) Dimethylphthalate	9.598	163	1156250	48.052	ng		99
51) 2,6-Dinitrotoluene	9.651	165	267495	53.052	ng		92
52) Acenaphthene	9.904	154	1075403m	51.147	ng		
53) 3-Nitroaniline	9.816	138	173036	30.795	ng		96
54) 2,4-Dinitrophenol	9.927	184	242812	102.572	ng		92
55) Dibenzofuran	10.074	168	1372487	45.185	ng		99
56) 4-Nitrophenol	9.980	139	440262	89.870	ng		93
57) 2,4-Dinitrotoluene	10.057	165	355391	56.394	ng		97
58) Fluorene	10.421	166	1025751	45.138	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	309282	56.436	ng		99
60) Diethylphthalate	10.298	149	1102639	48.054	ng		98
61) 4-Chlorophenyl-phenyle...	10.410	204	500803	45.686	ng		97
62) 4-Nitroaniline	10.439	138	279633	47.378	ng		96
63) Azobenzene	10.574	77	1053640	45.248	ng		96
65) 4,6-Dinitro-2-methylph...	10.463	198	163289	63.825	ng		99
66) n-Nitrosodiphenylamine	10.533	169	968244	47.503	ng		100
67) 4-Bromophenyl-phenylether	10.904	248	338308	48.961	ng		96
68) Hexachlorobenzene	10.963	284	383361	51.937	ng		97
69) Atrazine	11.069	200	339823	61.157	ng		98
70) Pentachlorophenol	11.163	266	437986	92.870	ng		99
71) Phenanthrene	11.386	178	1612189	47.229	ng		100
72) Anthracene	11.433	178	1645609	47.082	ng		99
73) Carbazole	11.592	167	1442101	46.252	ng		99
74) Di-n-butylphthalate	11.933	149	1713984	51.660	ng		99
75) Fluoranthene	12.574	202	1611407	44.871	ng		98
77) Benzidine	12.698	184	130689	18.898	ng		99
78) Pyrene	12.804	202	1621039	53.831	ng		99
80) Butylbenzylphthalate	13.439	149	642979	55.820	ng		96
81) Benzo(a)anthracene	14.004	228	1159098	47.531	ng		99
82) 3,3'-Dichlorobenzidine	13.968	252	243415	32.809	ng		98
83) Chrysene	14.039	228	1139143	47.962	ng		99
84) Bis(2-ethylhexyl)phtha...	14.009	149	765113	61.787	ng	#	98
85) Di-n-octyl phthalate	14.627	149	1304019	66.849	ng		97
87) Indeno(1,2,3-cd)pyrene	17.009	276	1114392	47.203	ng		98
88) Benzo(b)fluoranthene	15.062	252	1214841	49.029	ng		99
89) Benzo(k)fluoranthene	15.098	252	1032115	42.413	ng		99
90) Benzo(a)pyrene	15.439	252	1021010	44.710	ng		98
91) Dibenzo(a,h)anthracene	17.039	278	930511	46.079	ng		98
92) Benzo(g,h,i)perylene	17.474	276	834576	37.262	ng		99

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

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