Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133726.D
Acq On : 13 Jun 2023 12:38
Operator : CG\JU
Sample : 03047-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 13 13:00:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 13 11:26:55 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB32BMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	90886	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	337404	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	154543	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	239431	20.000	ng		0.00
76) Chrysene-d12	14.010	240	157759	20.000	ng		0.00
86) Perylene-d12	15.474	264	197128	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	407787	78.111	ng		0.00
7) Phenol-d6	6.469	99	500279	73.619	ng		0.00
23) Nitrobenzene-d5	7.398	82	341765	55.171	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	127080	64.961	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	596058	54.827	ng		0.00
79) Terphenyl-d14	12.945	244	423496	41.538	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	82352	35.880	ng		96
3) Pyridine	3.363	79	207933	31.082	ng		93
4) n-Nitrosodimethylamine	3.316	42	159497	43.132	ng		92
6) Aniline	6.492	93	294539	34.413	ng		98
8) 2-Chlorophenol	6.616	128	237259	43.124	ng		99
9) Benzaldehyde	6.381	77	141763	31.443	ng		94
10) Phenol	6.481	94	286648	40.397	ng		94
11) bis(2-Chloroethyl)ether	6.569	93	218454	41.469	ng		95
12) 1,3-Dichlorobenzene	6.775	146	259642	44.170	ng		98
13) 1,4-Dichlorobenzene	6.851	146	262689	44.214	ng		97
14) 1,2-Dichlorobenzene	7.004	146	252853	47.099	ng		98
15) Benzyl Alcohol	6.975	79	223536	42.117	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	394415	44.168	ng		99
17) 2-Methylphenol	7.087	107	192096	39.392	ng		98
18) Hexachloroethane	7.345	117	101564	49.934	ng		98
19) n-Nitroso-di-n-propyla...	7.251	70	173691	40.173	ng		98
20) 3+4-Methylphenols	7.240	107	236776	37.325	ng		94
22) Acetophenone	7.245	105	333958	43.155	ng	#	95
24) Nitrobenzene	7.416	77	268099	42.981	ng		94
25) Isophorone	7.657	82	453018	39.834	ng		99
26) 2-Nitrophenol	7.734	139	125673	44.893	ng		95
27) 2,4-Dimethylphenol	7.769	122	197353	40.902	ng		97
28) bis(2-Chloroethoxy)met...	7.869	93	265355	40.370	ng		99
29) 2,4-Dichlorophenol	7.975	162	193348	40.886	ng		99
30) 1,2,4-Trichlorobenzene	8.057	180	208706	42.301	ng		98
31) Naphthalene	8.139	128	667544	40.609	ng		99
32) Benzoic acid	7.887	122	128921m	42.366	ng		
33) 4-Chloroaniline	8.187	127	187672	26.701	ng		99
34) Hexachlorobutadiene	8.251	225	137757	42.645	ng		99
35) Caprolactam	8.563	113	53971m	33.917	ng		
36) 4-Chloro-3-methylphenol	8.669	107	209023	38.347	ng		97
37) 2-Methylnaphthalene	8.834	142	441433	38.649	ng		95
38) 1-Methylnaphthalene	8.928	142	408759	38.892	ng		100
40) 1,2,4,5-Tetrachloroben...	8.998	216	208104	44.294	ng		98
41) Hexachlorocyclopentadiene	8.981	237	223253	106.632	ng		96
43) 2,4,6-Trichlorophenol	9.110	196	133537	42.534	ng		98

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44) 2,4,5-Trichlorophenol	9.151	196	138360	37.881	ng		96
46) 1,1'-Biphenyl	9.298	154	545526	43.768	ng		99
47) 2-Chloronaphthalene	9.322	162	391566	43.796	ng		99
48) 2-Nitroaniline	9.416	65	131647	40.261	ng		93
49) Acenaphthylene	9.739	152	624522	40.133	ng		99
50) Dimethylphthalate	9.598	163	435516	37.755	ng		100
51) 2,6-Dinitrotoluene	9.657	165	94731	39.786	ng	#	71
52) Acenaphthene	9.910	154	369311m	40.545	ng		
53) 3-Nitroaniline	9.828	138	84817	29.272	ng		93
54) 2,4-Dinitrophenol	9.939	184	86648	74.866	ng		95
55) Dibenzofuran	10.081	168	557075	40.081	ng		97
56) 4-Nitrophenol	9.986	139	134689	68.876	ng	#	69
57) 2,4-Dinitrotoluene	10.063	165	113885	37.609	ng		97
58) Fluorene	10.422	166	416228	39.160	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	103662	37.908	ng		95
60) Diethylphthalate	10.292	149	428065	36.461	ng		98
61) 4-Chlorophenyl-phenyle...	10.416	204	200709	38.251	ng		99
62) 4-Nitroaniline	10.439	138	85167	29.978	ng		89
63) Azobenzene	10.575	77	441124	39.690	ng		97
65) 4,6-Dinitro-2-methylph...	10.469	198	54434	47.577	ng	#	72
66) n-Nitrosodiphenylamine	10.533	169	346524	43.086	ng		100
67) 4-Bromophenyl-phenylether	10.904	248	115911	43.374	ng		97
68) Hexachlorobenzene	10.969	284	124661	44.360	ng		93
69) Atrazine	11.063	200	99567	42.668	ng		98
70) Pentachlorophenol	11.163	266	117126	69.603	ng		96
71) Phenanthrene	11.386	178	505113	41.582	ng		100
72) Anthracene	11.439	178	497380	39.269	ng		99
73) Carbazole	11.592	167	441018	37.385	ng		99
74) Di-n-butylphthalate	11.922	149	531060	35.115	ng		99
75) Fluoranthene	12.574	202	462778	35.875	ng		98
77) Benzidine	12.698	184	198641	37.524	ng		99
78) Pyrene	12.804	202	467062	31.782	ng		99
80) Butylbenzylphthalate	13.427	149	197887	31.896	ng		97
81) Benzo(a)anthracene	13.998	228	448187	41.072	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	146477	40.375	ng		98
83) Chrysene	14.033	228	420086	40.702	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	268254	35.116	ng		99
85) Di-n-octyl phthalate	14.598	149	522088	48.094	ng		98
87) Indeno(1,2,3-cd)pyrene	16.939	276	539003	39.744	ng		100
88) Benzo(b)fluoranthene	15.045	252	529550	44.222	ng		100
89) Benzo(k)fluoranthene	15.074	252	447099	38.329	ng		98
90) Benzo(a)pyrene	15.410	252	444424	39.990	ng		99
91) Dibenzo(a,h)anthracene	16.957	278	451357	40.200	ng		99
92) Benzo(g,h,i)perylene	17.386	276	405036	36.385	ng		99

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

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