Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022321\
Data File : BF123277.D
Acq On : 23 Feb 2021 12:59
Operator : JU/CG
Sample : PB134772BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 23 13:28:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
mohammad
2/24/2021 10:19:28 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	113106	20.00	ng		0.00
21) Naphthalene-d8	8.145	136	460875	20.00	ng		0.00
39) Acenaphthene-d10	9.904	164	232744	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	438800	20.00	ng		0.00
76) Chrysene-d12	14.045	240	349393	20.00	ng		0.00
86) Perylene-d12	15.515	264	311457	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	1002965	127.64	ng		0.02
7) Phenol-d6	6.498	99	1295410	121.35	ng		0.00
23) Nitrobenzene-d5	7.422	82	866791	86.09	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	318898	134.56	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1393849	86.02	ng		0.00
79) Terphenyl-d14	12.986	244	1487310	81.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	127254	28.06	ng		90
3) Pyridine	3.434	79	380143	34.40	ng		93
4) n-Nitrosodimethylamine	3.381	42	202387	39.61	ng		86
6) Aniline	6.522	93	436342	34.60	ng		95
8) 2-Chlorophenol	6.645	128	384808	45.58	ng		93
9) Benzaldehyde	6.404	77	145333	23.22	ng		90
10) Phenol	6.510	94	509981	43.83	ng		92
11) bis(2-Chloroethyl)ether	6.593	93	380852	45.64	ng		93
12) 1,3-Dichlorobenzene	6.798	146	393120	44.77	ng	#	94
13) 1,4-Dichlorobenzene	6.875	146	402712	45.00	ng	#	94
14) 1,2-Dichlorobenzene	7.028	146	384419	46.17	ng		95
15) Benzyl Alcohol	7.004	79	375588	45.12	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.134	45	503875	44.02	ng		98
17) 2-Methylphenol	7.116	107	324771	45.74	ng		93
18) Hexachloroethane	7.375	117	154283	47.73	ng		98
19) n-Nitroso-di-n-propyla...	7.275	70	293500	46.21	ng		92
20) 3+4-Methylphenols	7.269	107	410956	44.07	ng		91
22) Acetophenone	7.269	105	549496	45.96	ng	#	90
24) Nitrobenzene	7.440	77	463441	43.66	ng		88
25) Isophorone	7.681	82	813985	43.24	ng		96
26) 2-Nitrophenol	7.757	139	206279	46.39	ng		87
27) 2,4-Dimethylphenol	7.798	122	325937	47.35	ng		94
28) bis(2-Chloroethoxy)met...	7.892	93	475178	48.23	ng		100
29) 2,4-Dichlorophenol	8.004	162	318977	44.88	ng		96
30) 1,2,4-Trichlorobenzene	8.087	180	341826	44.24	ng		100
31) Naphthalene	8.163	128	1102930	43.67	ng		99
32) Benzoic acid	7.934	122	239700	47.21	ng		88
33) 4-Chloroaniline	8.210	127	234729	22.84	ng	#	91
34) Hexachlorobutadiene	8.281	225	185301	42.51	ng		99
35) Caprolactam	8.586	113	110989m	46.54	ng		
36) 4-Chloro-3-methylphenol	8.704	107	394805	46.73	ng		91
37) 2-Methylnaphthalene	8.857	142	741660	44.08	ng		99
38) 1-Methylnaphthalene	8.957	142	695944	44.23	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	323517	46.52	ng	#	97
41) Hexachlorocyclopentadiene	9.016	237	336475	103.27	ng		97
43) 2,4,6-Trichlorophenol	9.139	196	225352	45.69	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	238039	45.10	ng	#	89
46) 1,1'-Biphenyl	9.322	154	904942	46.87	ng		99
47) 2-Chloronaphthalene	9.345	162	691016	45.36	ng		97
48) 2-Nitroaniline	9.445	65	262037	48.01	ng	#	80
49) Acenaphthylene	9.763	152	1046272	45.28	ng		99
50) Dimethylphthalate	9.628	163	819083	47.06	ng		99
51) 2,6-Dinitrotoluene	9.686	165	187842	46.83	ng	#	75
52) Acenaphthene	9.939	154	801704m	50.32	ng		
53) 3-Nitroaniline	9.857	138	129706	29.13	ng	#	80
54) 2,4-Dinitrophenol	9.963	184	204973	97.28	ng	#	76
55) Dibenzofuran	10.110	168	954361	44.25	ng		95
56) 4-Nitrophenol	10.028	139	319592	90.08	ng	#	63
57) 2,4-Dinitrotoluene	10.092	165	254418	47.17	ng	#	82
58) Fluorene	10.457	166	773207	45.55	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	197271m	46.84	ng		
60) Diethylphthalate	10.328	149	809330	46.96	ng		98
61) 4-Chlorophenyl-phenyle...	10.445	204	371044	45.92	ng		96
62) 4-Nitroaniline	10.475	138	204726	45.68	ng		83
63) Azobenzene	10.604	77	882728	44.45	ng		94
65) 4,6-Dinitro-2-methylph...	10.504	198	141168	47.79	ng		88
66) n-Nitrosodiphenylamine	10.563	169	679299	44.77	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	218554	45.69	ng	#	88
68) Hexachlorobenzene	11.004	284	235105	46.66	ng	#	91
69) Atrazine	11.092	200	197203	41.13	ng		96
70) Pentachlorophenol	11.204	266	292653	91.97	ng		99
71) Phenanthrene	11.422	178	1170206	45.10	ng		99
72) Anthracene	11.469	178	1222450	47.21	ng		100
73) Carbazole	11.627	167	1075237	44.10	ng		98
74) Di-n-butylphthalate	11.957	149	1242409	45.57	ng		99
75) Fluoranthene	12.610	202	1247736	45.37	ng		100
77) Benzidine	12.733	184	440125	39.00	ng		99
78) Pyrene	12.845	202	1276731	46.80	ng		99
80) Butylbenzylphthalate	13.463	149	542197	47.02	ng		95
81) Benzo(a)anthracene	14.033	228	1093687	46.06	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	271680	34.42	ng		98
83) Chrysene	14.074	228	1070151	45.89	ng		100
84) Bis(2-ethylhexyl)phtha...	14.021	149	711722	44.84	ng		99
85) Di-n-octyl phthalate	14.639	149	1204250	44.40	ng		97
87) Indeno(1,2,3-cd)pyrene	17.004	276	937591	43.56	ng		98
88) Benzo(b)fluoranthene	15.092	252	1040257	47.56	ng		100
89) Benzo(k)fluoranthene	15.121	252	1007285	50.79	ng		100
90) Benzo(a)pyrene	15.457	252	902279	46.26	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	784596	42.49	ng		99
92) Benzo(g,h,i)perylene	17.457	276	748251	43.99	ng		99

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

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