Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122449.D
Acq On : 23 Nov 2020 16:14
Operator : JU/CG
Sample : L4836-08MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08MSD

Manual Integrations APPROVED
mohammad
11/25/2020 12:51:00 PM

Quant Time: Nov 23 17:59:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 13:27:02 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	179792	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	696703	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	371045	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	681649	20.00	ng	0.00
76) Chrysene-d12	14.051	240	545280	20.00	ng	0.00
86) Perylene-d12	15.521	264	513774	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	1400543	119.61	ng	0.00
7) Phenol-d6	6.504	99	1818248	118.70	ng	0.00
23) Nitrobenzene-d5	7.428	82	1156120	101.59	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	557651	140.03	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2061984	86.83	ng	0.00
79) Terphenyl-d14	12.992	244	2182750	84.80	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	222522	41.44	ng	89
3) Pyridine	3.422	79	627033	42.46	ng	89
4) n-Nitrosodimethylamine	3.381	42	287238	41.26	ng	88
6) Aniline	6.528	93	292067	14.53	ng	93
8) 2-Chlorophenol	6.651	128	635085	52.30	ng	91
9) Benzaldehyde	6.410	77	81485	6.94	ng	95
10) Phenol	6.516	94	862035	57.15	ng	83
11) bis(2-Chloroethyl)ether	6.598	93	593109	49.47	ng	92
12) 1,3-Dichlorobenzene	6.804	146	682597	49.52	ng	97
13) 1,4-Dichlorobenzene	6.881	146	684824	49.45	ng	98
14) 1,2-Dichlorobenzene	7.033	146	662809	51.29	ng	99
15) Benzyl Alcohol	7.010	79	535420	49.16	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	765056	43.78	ng	94
17) 2-Methylphenol	7.122	107	507350	50.06	ng	99
18) Hexachloroethane	7.381	117	244626	50.73	ng	95
19) n-Nitroso-di-n-propyla...	7.281	70	413912	45.22	ng	94
20) 3+4-Methylphenols	7.275	107	602543	48.31	ng	100
22) Acetophenone	7.275	105	798943	44.03	ng	94
24) Nitrobenzene	7.445	77	652174	50.09	ng	98
25) Isophorone	7.692	82	1130238	44.55	ng	95
26) 2-Nitrophenol	7.763	139	328582	56.69	ng	99
27) 2,4-Dimethylphenol	7.804	122	546656	45.68	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	703833	45.36	ng	99
29) 2,4-Dichlorophenol	8.010	162	542441	51.20	ng	96
30) 1,2,4-Trichlorobenzene	8.092	180	571931	48.91	ng	96
31) Naphthalene	8.175	128	1773500	47.88	ng	99
32) Benzoic acid	7.933	122	422501	61.16	ng	96
33) 4-Chloroaniline	8.222	127	232288	14.40	ng	94
34) Hexachlorobutadiene	8.292	225	333822	49.67	ng	100
35) Caprolactam	8.592	113	170223m	50.69	ng	
36) 4-Chloro-3-methylphenol	8.710	107	557654	50.46	ng	94
37) 2-Methylnaphthalene	8.869	142	1183888	48.38	ng	99
38) 1-Methylnaphthalene	8.969	142	1103630	48.18	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	548749	47.99	ng	99
41) Hexachlorocyclopentadiene	9.022	237	614598	91.93	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	392034	52.80	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	418802	53.80	ng		96
46) 1,1'-Biphenyl	9.333	154	1415593	47.93	ng		98
47) 2-Chloronaphthalene	9.357	162	1138050	48.55	ng		98
48) 2-Nitroaniline	9.451	65	343772	49.10	ng		92
49) Acenaphthylene	9.774	152	1761130	48.88	ng		99
50) Dimethylphthalate	9.633	163	1383977	52.47	ng		99
51) 2,6-Dinitrotoluene	9.692	165	304529	51.57	ng		87
52) Acenaphthene	9.945	154	1208095	54.17	ng		99
53) 3-Nitroaniline	9.863	138	189175	29.76	ng		93
54) 2,4-Dinitrophenol	9.969	184	292175	100.78	ng		94
55) Dibenzofuran	10.116	168	1587043	48.57	ng		99
56) 4-Nitrophenol	10.033	139	536277	92.33	ng		95
57) 2,4-Dinitrotoluene	10.098	165	414685	55.28	ng	#	88
58) Fluorene	10.463	166	1210602	48.39	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	365550	56.47	ng		96
60) Diethylphthalate	10.333	149	1266151	48.94	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	578611	48.99	ng		96
62) 4-Nitroaniline	10.480	138	296742	45.56	ng		97
63) Azobenzene	10.610	77	1216872	44.83	ng		97
65) 4,6-Dinitro-2-methylph...	10.504	198	203354	61.43	ng		96
66) n-Nitrosodiphenylamine	10.574	169	1110429	47.81	ng		95
67) 4-Bromophenyl-phenylether	10.945	248	399151	49.83	ng		98
68) Hexachlorobenzene	11.010	284	435366	50.31	ng		97
69) Atrazine	11.098	200	297996	51.52	ng		98
70) Pentachlorophenol	11.204	266	526837	105.66	ng		99
71) Phenanthrene	11.427	178	1985562	51.34	ng		99
72) Anthracene	11.474	178	1960181	49.18	ng		100
73) Carbazole	11.633	167	1746082	48.15	ng		99
74) Di-n-butylphthalate	11.963	149	1874503	48.49	ng		100
75) Fluoranthene	12.615	202	2305396	57.10	ng		99
77) Benzidine	12.739	184	713404	47.17	ng		99
78) Pyrene	12.845	202	2348558	61.31	ng		99
80) Butylbenzylphthalate	13.468	149	807767	52.27	ng		91
81) Benzo(a)anthracene	14.039	228	1892666	55.81	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	486543	38.50	ng		98
83) Chrysene	14.074	228	1829991	53.58	ng		98
84) Bis(2-ethylhexyl)phtha...	14.027	149	1004879	54.40	ng		98
85) Di-n-octyl phthalate	14.645	149	1723285	55.05	ng		96
87) Indeno(1,2,3-cd)pyrene	17.009	276	1883393	61.09	ng		99
88) Benzo(b)fluoranthene	15.098	252	1879585	56.49	ng		99
89) Benzo(k)fluoranthene	15.127	252	1586703	48.90	ng		99
90) Benzo(a)pyrene	15.462	252	1602472	55.24	ng		98
91) Dibenzo(a,h)anthracene	17.027	278	1461315	56.59	ng		99
92) Benzo(g,h,i)perylene	17.462	276	1644609	65.49	ng		97

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

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