Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122944.D
Acq On : 8 Jan 2021 16:59
Operator : JU/CG
Sample : M1044-19MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12MS

Manual Integrations APPROVED
mohammad
1/11/2021 10:27:24 AM

Quant Time: Jan 08 17:44:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 08 16:17:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.916	152	187644	20.00	ng		0.00
21) Naphthalene-d8	8.204	136	724595	20.00	ng		0.00
39) Acenaphthene-d10	9.963	164	379752	20.00	ng		0.00
64) Phenanthrene-d10	11.451	188	680586	20.00	ng		0.00
76) Chrysene-d12	14.104	240	466200	20.00	ng		0.00
86) Perylene-d12	15.592	264	485943	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	1276464	102.12	ng		0.00
7) Phenol-d6	6.540	99	1659744	97.85	ng		0.00
23) Nitrobenzene-d5	7.481	82	961099	65.58	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	466604	108.78	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	1678578	62.66	ng		0.00
79) Terphenyl-d14	13.045	244	1553483	61.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.763	88	238409	40.83	ng		97
3) Pyridine	3.522	79	688067	43.34	ng		97
4) n-Nitrosodimethylamine	3.481	42	307417	46.32	ng		99
6) Aniline	6.575	93	583733	28.86	ng		99
8) 2-Chlorophenol	6.698	128	682175	50.70	ng		98
9) Benzaldehyde	6.463	77	127974	8.76	ng		98
10) Phenol	6.551	94	863170m	51.41	ng		
11) bis(2-Chloroethyl)ether	6.651	93	657410	48.81	ng		98
12) 1,3-Dichlorobenzene	6.863	146	728429	47.52	ng		99
13) 1,4-Dichlorobenzene	6.934	146	737013	47.84	ng		98
14) 1,2-Dichlorobenzene	7.087	146	705886	48.52	ng		99
15) Benzyl Alcohol	7.057	79	570929	47.70	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.192	45	889501	42.18	ng		98
17) 2-Methylphenol	7.163	107	554479	49.64	ng		98
18) Hexachloroethane	7.434	117	261720	45.46	ng		98
19) n-Nitroso-di-n-propyla...	7.334	70	478906	46.27	ng		97
20) 3+4-Methylphenols	7.316	107	702958	49.30	ng	#	79
22) Acetophenone	7.328	105	899810	47.02	ng	#	93
24) Nitrobenzene	7.498	77	689252	46.98	ng		100
25) Isophorone	7.739	82	1259494	47.93	ng		99
26) 2-Nitrophenol	7.816	139	320471	49.50	ng		93
27) 2,4-Dimethylphenol	7.845	122	638684	55.54	ng		96
28) bis(2-Chloroethoxy)met...	7.945	93	804942	45.20	ng		99
29) 2,4-Dichlorophenol	8.051	162	573522	49.30	ng		97
30) 1,2,4-Trichlorobenzene	8.145	180	619337	46.51	ng		99
31) Naphthalene	8.228	128	1871030	47.46	ng		99
32) Benzoic acid	7.969	122	404229	46.88	ng		95
33) 4-Chloroaniline	8.263	127	207545	12.14	ng		98
34) Hexachlorobutadiene	8.345	225	356157	45.91	ng		100
35) Caprolactam	8.639	113	184383m	47.23	ng		
36) 4-Chloro-3-methylphenol	8.745	107	575921	48.14	ng		97
37) 2-Methylnaphthalene	8.916	142	1301641	48.03	ng		97
38) 1-Methylnaphthalene	9.016	142	1202463	46.86	ng		96
40) 1,2,4,5-Tetrachloroben...	9.086	216	612899	50.63	ng		99
41) Hexachlorocyclopentadiene	9.075	237	591784	91.38	ng		96
43) 2,4,6-Trichlorophenol	9.192	196	428882	50.02	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.233	196	432856	51.05	ng		93
46) 1,1'-Biphenyl	9.381	154	1493987	48.97	ng		99
47) 2-Chloronaphthalene	9.410	162	1169015	47.18	ng		95
48) 2-Nitroaniline	9.498	65	335693	45.03	ng		92
49) Acenaphthylene	9.828	152	1773236	48.39	ng		99
50) Dimethylphthalate	9.686	163	1445249	51.17	ng		99
51) 2,6-Dinitrotoluene	9.739	165	315707	52.25	ng		91
52) Acenaphthene	9.998	154	1229472	51.04	ng		99
53) 3-Nitroaniline	9.904	138	157448	22.18	ng		91
54) 2,4-Dinitrophenol	10.016	184	208414	95.21	ng	#	86
55) Dibenzofuran	10.169	168	1688428	49.46	ng		97
56) 4-Nitrophenol	10.063	139	540134	100.46	ng		92
57) 2,4-Dinitrotoluene	10.145	165	419294	54.27	ng		98
58) Fluorene	10.516	166	1291871	46.61	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.286	232	364767	49.49	ng		98
60) Diethylphthalate	10.386	149	1330610	47.12	ng		98
61) 4-Chlorophenyl-phenyle...	10.504	204	643362	47.94	ng		93
62) 4-Nitroaniline	10.528	138	280074	40.18	ng		94
63) Azobenzene	10.669	77	1292474	46.45	ng		94
65) 4,6-Dinitro-2-methylph...	10.551	198	156346	50.75	ng		94
66) n-Nitrosodiphenylamine	10.622	169	1167675	50.93	ng		99
67) 4-Bromophenyl-phenylether	10.998	248	411400	50.01	ng		92
68) Hexachlorobenzene	11.063	284	441027	49.91	ng		96
69) Atrazine	11.151	200	328902	44.81	ng		98
70) Pentachlorophenol	11.257	266	529349	98.96	ng		99
71) Phenanthrene	11.480	178	2004818	51.99	ng		98
72) Anthracene	11.533	178	1925443	50.36	ng		98
73) Carbazole	11.680	167	1734027	48.89	ng		99
74) Di-n-butylphthalate	12.016	149	1935644	45.68	ng		99
75) Fluoranthene	12.674	202	2117832	51.60	ng		99
77) Benzidine	12.786	184	675646	50.76	ng		99
78) Pyrene	12.904	202	2146620	59.24	ng		98
80) Butylbenzylphthalate	13.521	149	740783	46.93	ng		98
81) Benzo(a)anthracene	14.092	228	1659836	53.05	ng		99
82) 3,3'-Dichlorobenzidine	14.051	252	401183	38.58	ng	#	97
83) Chrysene	14.133	228	1593970	52.85	ng		96
84) Bis(2-ethylhexyl)phtha...	14.086	149	966359	46.61	ng		95
85) Di-n-octyl phthalate	14.704	149	1607833	45.82	ng		100
87) Indeno(1,2,3-cd)pyrene	17.115	276	1989131	63.34	ng		98
88) Benzo(b)fluoranthene	15.163	252	1802429	52.77	ng		100
89) Benzo(k)fluoranthene	15.192	252	1551134	49.31	ng		99
90) Benzo(a)pyrene	15.533	252	1577407	52.55	ng		97
91) Dibenzo(a,h)anthracene	17.133	278	1578417	61.27	ng		98
92) Benzo(g,h,i)perylene	17.574	276	1683569	68.64	ng		98

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

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