Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020421\
Data File : BF123122.D
Acq On : 4 Feb 2021 20:01
Operator : JU/CG
Sample : M1293-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-4MS

Manual Integrations APPROVED
mohammad
2/8/2021 12:16:17 PM

Quant Time: Feb 04 23:32:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:29:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	235456	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	919744	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	498257	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	922007	20.00	ng	0.00
76) Chrysene-d12	14.086	240	748692	20.00	ng	0.00
86) Perylene-d12	15.574	264	657449	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1749331	114.60	ng	0.03
7) Phenol-d6	6.528	99	2155734	104.19	ng	0.01
23) Nitrobenzene-d5	7.463	82	1504635	82.33	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	785523	145.23	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2729195	81.43	ng	0.00
79) Terphenyl-d14	13.027	244	3158575	82.89	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.887	88	265471	34.96	ng	# 82
3) Pyridine	3.587	79	679618	33.46	ng	95
4) n-Nitrosodimethylamine	3.522	42	359356	42.05	ng	93
6) Aniline	6.563	93	284108	11.16	ng	98
8) 2-Chlorophenol	6.681	128	816084	49.32	ng	97
9) Benzaldehyde	6.445	77	278032	29.39	ng	99
10) Phenol	6.545	94	924244	45.04	ng	87
11) bis(2-Chloroethyl)ether	6.634	93	764761	44.79	ng	98
12) 1,3-Dichlorobenzene	6.840	146	786664	40.77	ng	98
13) 1,4-Dichlorobenzene	6.916	146	804302	40.02	ng	98
14) 1,2-Dichlorobenzene	7.069	146	767061	40.80	ng	99
15) Benzyl Alcohol	7.040	79	709098	48.89	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1077798	40.93	ng	100
17) 2-Methylphenol	7.151	107	683932	48.58	ng	99
18) Hexachloroethane	7.410	117	295137	41.93	ng	97
19) n-Nitroso-di-n-propyla...	7.316	70	556816	44.75	ng	97
20) 3+4-Methylphenols	7.304	107	779946	47.03	ng	94
22) Acetophenone	7.310	105	1043584	43.55	ng	98
24) Nitrobenzene	7.481	77	847282	45.00	ng	100
25) Isophorone	7.722	82	1565799	46.77	ng	99
26) 2-Nitrophenol	7.792	139	431801	55.46	ng	98
27) 2,4-Dimethylphenol	7.834	122	696355	49.56	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	992920	43.47	ng	99
29) 2,4-Dichlorophenol	8.040	162	698699	47.56	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	719970	43.50	ng	98
31) Naphthalene	8.204	128	2209188	43.79	ng	99
32) Benzoic acid	7.963	122	535807	47.41	ng	98
33) 4-Chloroaniline	8.245	127	155672	6.95	ng	98
34) Hexachlorobutadiene	8.322	225	416285	43.54	ng	99
35) Caprolactam	8.634	113	203871m	41.06	ng	
36) 4-Chloro-3-methylphenol	8.734	107	773933	50.66	ng	95
37) 2-Methylnaphthalene	8.898	142	1539079	45.95	ng	99
38) 1-Methylnaphthalene	8.998	142	1436206	45.29	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	705750	45.53	ng	98
41) Hexachlorocyclopentadiene	9.051	237	762962	103.69	ng	95
43) 2,4,6-Trichlorophenol	9.175	196	537161	50.55	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	568721	51.18	ng		99
46) 1,1'-Biphenyl	9.363	154	1857852	45.46	ng		99
47) 2-Chloronaphthalene	9.386	162	1488590	43.51	ng		99
48) 2-Nitroaniline	9.481	65	476767	45.98	ng		88
49) Acenaphthylene	9.804	152	2279668	45.53	ng		99
50) Dimethylphthalate	9.663	163	1870074	47.84	ng		99
51) 2,6-Dinitrotoluene	9.722	165	418304	50.23	ng	#	87
52) Acenaphthene	9.975	154	1609466	50.04	ng		100
53) 3-Nitroaniline	9.886	138	138733	14.09	ng		87
54) 2,4-Dinitrophenol	9.998	184	393942	101.44	ng		95
55) Dibenzofuran	10.151	168	2059811	44.01	ng		99
56) 4-Nitrophenol	10.057	139	682439	95.88	ng		85
57) 2,4-Dinitrotoluene	10.128	165	561598	51.86	ng		96
58) Fluorene	10.492	166	1595998	42.69	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	494061	52.43	ng		97
60) Diethylphthalate	10.369	149	1815345	47.23	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	792695	45.12	ng		95
62) 4-Nitroaniline	10.510	138	386084	39.02	ng		98
63) Azobenzene	10.645	77	1689081	44.91	ng		98
65) 4,6-Dinitro-2-methylph...	10.539	198	283789	54.96	ng		95
66) n-Nitrosodiphenylamine	10.604	169	1473166	44.33	ng		100
67) 4-Bromophenyl-phenylether	10.975	248	543734	46.31	ng		98
68) Hexachlorobenzene	11.045	284	580930	46.13	ng		99
69) Atrazine	11.133	200	428261	46.67	ng		98
70) Pentachlorophenol	11.239	266	712201	104.34	ng		98
71) Phenanthrene	11.463	178	2424168	42.33	ng		100
72) Anthracene	11.510	178	2477571	45.10	ng		99
73) Carbazole	11.663	167	2222339	43.59	ng		99
74) Di-n-butylphthalate	11.998	149	2746065	45.43	ng		100
75) Fluoranthene	12.651	202	2561321	44.75	ng		98
77) Benzidine	12.769	184	419924	24.79	ng		99
78) Pyrene	12.886	202	2548954	45.10	ng		100
80) Butylbenzylphthalate	13.504	149	1218000	50.08	ng		98
81) Benzo(a)anthracene	14.080	228	2293010	45.25	ng		98
82) 3,3'-Dichlorobenzidine	14.039	252	503364	31.56	ng		100
83) Chrysene	14.116	228	2311130	45.57	ng		98
84) Bis(2-ethylhexyl)phtha...	14.063	149	1652198	51.13	ng		98
85) Di-n-octyl phthalate	14.680	149	2843451	52.39	ng		99
87) Indeno(1,2,3-cd)pyrene	17.086	276	2134523	48.76	ng		99
88) Benzo(b)fluoranthene	15.139	252	2357261	49.67	ng		100
89) Benzo(k)fluoranthene	15.174	252	2012837	45.65	ng		98
90) Benzo(a)pyrene	15.515	252	1927331	46.25	ng		99
91) Dibenzo(a,h)anthracene	17.110	278	1780913	49.42	ng		99
92) Benzo(g,h,i)perylene	17.545	276	1720120	49.26	ng		99

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

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