Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020421\
Data File : BF123123.D
Acq On : 4 Feb 2021 20:33
Operator : JU/CG
Sample : M1293-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-4MSD

Manual Integrations APPROVED
mohammad
2/8/2021 12:16:20 PM

Quant Time: Feb 04 23:32:49 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	239226	20.00	ng	0.00
21) Naphthalene-d8	8.180	136	952156	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	521325	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	951200	20.00	ng	0.00
76) Chrysene-d12	14.092	240	736433	20.00	ng	0.00
86) Perylene-d12	15.574	264	634290	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1811401	116.80	ng	0.03
7) Phenol-d6	6.534	99	2219916	105.60	ng	0.02
23) Nitrobenzene-d5	7.463	82	1558152	82.36	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	809489	143.04	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2802617	79.92	ng	0.00
79) Terphenyl-d14	13.027	244	3209502	85.63	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.893	88	266313	34.51	ng	# 81
3) Pyridine	3.593	79	697056	33.78	ng	95
4) n-Nitrosodimethylamine	3.528	42	370020	42.61	ng	95
6) Aniline	6.563	93	366456	14.16	ng	97
8) 2-Chlorophenol	6.686	128	831979	49.49	ng	98
9) Benzaldehyde	6.445	77	280366	29.17	ng	97
10) Phenol	6.545	94	951573	45.64	ng	89
11) bis(2-Chloroethyl)ether	6.634	93	781803	45.06	ng	98
12) 1,3-Dichlorobenzene	6.839	146	802804	40.95	ng	98
13) 1,4-Dichlorobenzene	6.916	146	817367	40.03	ng	99
14) 1,2-Dichlorobenzene	7.069	146	786788	41.19	ng	99
15) Benzyl Alcohol	7.039	79	728079	49.40	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1099950	41.12	ng	99
17) 2-Methylphenol	7.151	107	703674	49.19	ng	99
18) Hexachloroethane	7.410	117	305787	42.76	ng	93
19) n-Nitroso-di-n-propyla...	7.316	70	576459	45.60	ng	97
20) 3+4-Methylphenols	7.304	107	800130	47.49	ng	95
22) Acetophenone	7.310	105	1062390	42.82	ng	98
24) Nitrobenzene	7.481	77	870763	44.67	ng	99
25) Isophorone	7.722	82	1623984	46.86	ng	99
26) 2-Nitrophenol	7.798	139	446075	55.34	ng	94
27) 2,4-Dimethylphenol	7.833	122	724946	49.84	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	1012159	42.81	ng	98
29) 2,4-Dichlorophenol	8.039	162	726887	47.79	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	739868	43.18	ng	99
31) Naphthalene	8.204	128	2253368	43.14	ng	98
32) Benzoic acid	7.963	122	540071	46.29	ng	96
33) 4-Chloroaniline	8.245	127	186835	8.06	ng	98
34) Hexachlorobutadiene	8.322	225	432012	43.64	ng	100
35) Caprolactam	8.633	113	213709m	41.57	ng	
36) 4-Chloro-3-methylphenol	8.733	107	810080	51.22	ng	96
37) 2-Methylnaphthalene	8.898	142	1576219	45.46	ng	100
38) 1-Methylnaphthalene	8.998	142	1491636	45.44	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	732036	45.14	ng	99
41) Hexachlorocyclopentadiene	9.051	237	762350	99.03	ng	97
43) 2,4,6-Trichlorophenol	9.175	196	555645	49.98	ng	98

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Misc :
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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	592366	50.95	ng		97
46) 1,1'-Biphenyl	9.363	154	1928315	45.09	ng		100
47) 2-Chloronaphthalene	9.386	162	1533441	42.84	ng		99
48) 2-Nitroaniline	9.480	65	499131	46.01	ng		87
49) Acenaphthylene	9.804	152	2352911	44.91	ng		99
50) Dimethylphthalate	9.669	163	1920432	46.95	ng		99
51) 2,6-Dinitrotoluene	9.722	165	436172	50.06	ng	#	86
52) Acenaphthene	9.980	154	1655604	49.20	ng		99
53) 3-Nitroaniline	9.886	138	156312	15.17	ng		90
54) 2,4-Dinitrophenol	10.004	184	409118	100.74	ng		92
55) Dibenzofuran	10.151	168	2115440	43.20	ng		99
56) 4-Nitrophenol	10.063	139	696698	93.55	ng		89
57) 2,4-Dinitrotoluene	10.133	165	586552	51.77	ng		96
58) Fluorene	10.498	166	1644407	42.03	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	507528	51.47	ng		96
60) Diethylphthalate	10.369	149	1864673	46.36	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	821272	44.68	ng		96
62) 4-Nitroaniline	10.516	138	394344	38.09	ng		99
63) Azobenzene	10.645	77	1740425	44.22	ng		97
65) 4,6-Dinitro-2-methylph...	10.539	198	292587	54.93	ng		89
66) n-Nitrosodiphenylamine	10.604	169	1525019	44.48	ng		99
67) 4-Bromophenyl-phenylether	10.974	248	564131	46.57	ng		99
68) Hexachlorobenzene	11.045	284	613252	47.20	ng		99
69) Atrazine	11.133	200	446677	47.18	ng		98
70) Pentachlorophenol	11.239	266	725799	103.07	ng		99
71) Phenanthrene	11.463	178	2480851	41.99	ng		99
72) Anthracene	11.516	178	2532407	44.69	ng		99
73) Carbazole	11.669	167	2287990	43.50	ng		100
74) Di-n-butylphthalate	11.998	149	2844719	45.62	ng		99
75) Fluoranthene	12.657	202	2619853	44.37	ng		99
77) Benzidine	12.768	184	455250	27.32	ng		100
78) Pyrene	12.886	202	2590370	46.59	ng		98
80) Butylbenzylphthalate	13.504	149	1243729	51.99	ng		99
81) Benzo(a)anthracene	14.080	228	2321395	46.58	ng		99
82) 3,3'-Dichlorobenzidine	14.039	252	533224	33.99	ng		97
83) Chrysene	14.115	228	2257983	45.27	ng		98
84) Bis(2-ethylhexyl)phtha...	14.062	149	1681801	52.91	ng		99
85) Di-n-octyl phthalate	14.680	149	2849808	53.38	ng		100
87) Indeno(1,2,3-cd)pyrene	17.086	276	2166286	51.29	ng		99
88) Benzo(b)fluoranthene	15.145	252	2280212	49.80	ng		100
89) Benzo(k)fluoranthene	15.174	252	1978206	46.50	ng		98
90) Benzo(a)pyrene	15.515	252	1887445	46.94	ng		100
91) Dibenzo(a,h)anthracene	17.109	278	1780105	51.20	ng		99
92) Benzo(g,h,i)perylene	17.545	276	1745106	51.80	ng		99

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

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