Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022321\
Data File : BF123286.D
Acq On : 23 Feb 2021 18:03
Operator : JU/CG
Sample : M1452-04MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Manual Integrations APPROVED
mohammad
2/24/2021 10:19:43 AM

Quant Time: Feb 23 23:53:46 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	109250	20.00	ng		0.00
21) Naphthalene-d8	8.139	136	450440	20.00	ng	#	0.00
39) Acenaphthene-d10	9.904	164	234910	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	442474	20.00	ng		0.00
76) Chrysene-d12	14.045	240	355679	20.00	ng		0.00
86) Perylene-d12	15.515	264	292308	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	756342	99.65	ng		0.01
7) Phenol-d6	6.498	99	955046	92.62	ng		0.00
23) Nitrobenzene-d5	7.422	82	688528	69.97	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	308998	129.18	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1171515	71.64	ng		0.00
79) Terphenyl-d14	12.986	244	1451491	78.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	92441	21.11	ng	#	77
3) Pyridine	3.440	79	260841	24.44	ng		95
4) n-Nitrosodimethylamine	3.369	42	160954	32.61	ng		85
6) Aniline	6.522	93	294861	24.21	ng		91
8) 2-Chlorophenol	6.645	128	301722	37.00	ng		95
9) Benzaldehyde	6.404	77	68303	8.81	ng		90
10) Phenol	6.510	94	413113	36.76	ng		99
11) bis(2-Chloroethyl)ether	6.593	93	301171	37.37	ng		98
12) 1,3-Dichlorobenzene	6.798	146	278469	32.83	ng	#	94
13) 1,4-Dichlorobenzene	6.875	146	291035	33.67	ng		95
14) 1,2-Dichlorobenzene	7.028	146	279966	34.81	ng		95
15) Benzyl Alcohol	7.004	79	307258	38.22	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.134	45	383381	34.68	ng		97
17) 2-Methylphenol	7.116	107	261398	38.11	ng		93
18) Hexachloroethane	7.369	117	103566	33.17	ng		93
19) n-Nitroso-di-n-propyla...	7.269	70	243240	39.65	ng		92
20) 3+4-Methylphenols	7.269	107	335061	37.20	ng	#	84
22) Acetophenone	7.269	105	449767	38.49	ng	#	92
24) Nitrobenzene	7.440	77	368830	35.55	ng		91
25) Isophorone	7.681	82	691858	37.60	ng		96
26) 2-Nitrophenol	7.757	139	161850	37.24	ng	#	89
27) 2,4-Dimethylphenol	7.798	122	266813	39.66	ng		95
28) bis(2-Chloroethoxy)met...	7.887	93	380756	39.54	ng		99
29) 2,4-Dichlorophenol	8.004	162	258539	37.22	ng		94
30) 1,2,4-Trichlorobenzene	8.081	180	260652	34.51	ng		98
31) Naphthalene	8.163	128	877947	35.56	ng		99
32) Benzoic acid	7.934	122	223834	45.11	ng		86
33) 4-Chloroaniline	8.210	127	157378	15.67	ng	#	91
34) Hexachlorobutadiene	8.281	225	136635	32.07	ng		98
35) Caprolactam	8.586	113	92626m	39.74	ng		
36) 4-Chloro-3-methylphenol	8.698	107	369204	44.71	ng		88
37) 2-Methylnaphthalene	8.857	142	616754	37.51	ng		99
38) 1-Methylnaphthalene	8.957	142	582105	37.85	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	269415	38.38	ng	#	98
41) Hexachlorocyclopentadiene	9.010	237	243467	74.03	ng		99
43) 2,4,6-Trichlorophenol	9.134	196	208302	41.84	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	230972	43.35	ng	#	90
46) 1,1'-Biphenyl	9.322	154	789922	40.54	ng		99
47) 2-Chloronaphthalene	9.345	162	601154	39.10	ng		98
48) 2-Nitroaniline	9.445	65	253033	45.93	ng	#	80
49) Acenaphthylene	9.763	152	961673	41.24	ng		99
50) Dimethylphthalate	9.628	163	809836	46.10	ng		100
51) 2,6-Dinitrotoluene	9.686	165	180927	44.69	ng	#	78
52) Acenaphthene	9.939	154	755686m	46.99	ng		
53) 3-Nitroaniline	9.857	138	128938	28.69	ng	#	80
54) 2,4-Dinitrophenol	9.963	184	194363	91.39	ng	#	74
55) Dibenzofuran	10.110	168	910778	41.84	ng		96
56) 4-Nitrophenol	10.028	139	309513	86.44	ng	#	65
57) 2,4-Dinitrotoluene	10.092	165	251449	46.19	ng		90
58) Fluorene	10.451	166	751873	43.88	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	194796	45.83	ng	#	85
60) Diethylphthalate	10.328	149	791629	45.51	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	354569	43.47	ng		99
62) 4-Nitroaniline	10.475	138	193313	42.74	ng		85
63) Azobenzene	10.604	77	847441	42.28	ng		95
65) 4,6-Dinitro-2-methylph...	10.504	198	134511	45.16	ng		92
66) n-Nitrosodiphenylamine	10.563	169	664282	43.41	ng		98
67) 4-Bromophenyl-phenylether	10.933	248	212219	43.99	ng	#	91
68) Hexachlorobenzene	11.004	284	228205	44.91	ng		93
69) Atrazine	11.092	200	181490	37.53	ng		97
70) Pentachlorophenol	11.198	266	292511	91.17	ng		99
71) Phenanthrene	11.416	178	1153951	44.10	ng		99
72) Anthracene	11.469	178	1189520	45.56	ng		99
73) Carbazole	11.627	167	1064665	43.30	ng		99
74) Di-n-butylphthalate	11.957	149	1226342	44.61	ng		99
75) Fluoranthene	12.610	202	1251626	45.13	ng		100
77) Benzidine	12.733	184	307200	26.74	ng		99
78) Pyrene	12.839	202	1266590	45.61	ng		99
80) Butylbenzylphthalate	13.457	149	538554	45.88	ng		89
81) Benzo(a)anthracene	14.033	228	1073083	44.39	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	264787	32.95	ng		99
83) Chrysene	14.074	228	1045615	44.05	ng		99
84) Bis(2-ethylhexyl)phtha...	14.021	149	717306	44.39	ng		99
85) Di-n-octyl phthalate	14.633	149	1199743	43.46	ng		97
87) Indeno(1,2,3-cd)pyrene	16.998	276	857255	42.44	ng		99
88) Benzo(b)fluoranthene	15.092	252	999121	48.67	ng		99
89) Benzo(k)fluoranthene	15.121	252	902264	48.47	ng		98
90) Benzo(a)pyrene	15.457	252	822700	44.94	ng		100
91) Dibenzo(a,h)anthracene	17.021	278	720676	41.58	ng		97
92) Benzo(g,h,i)perylene	17.451	276	679253	42.55	ng		98

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

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