Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
Data File : BF122064.D
Acq On : 21 Oct 2020 19:46
Operator : JU/CG
Sample : L4222-01MSD 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-101920MSD

Manual Integrations APPROVED
mohammad
10/22/2020 12:59:35 PM

Quant Time: Oct 22 00:33:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 12:04:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	123497	20.00	ng		0.00
21) Naphthalene-d8	8.010	136	463845	20.00	ng		# 0.00
39) Acenaphthene-d10	9.763	164	226807	20.00	ng		0.00
64) Phenanthrene-d10	11.245	188	380285	20.00	ng		0.00
76) Chrysene-d12	13.886	240	272720	20.00	ng		0.00
86) Perylene-d12	15.315	264	230592	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	322990	38.60	ng		0.00
7) Phenol-d6	6.375	99	403042	37.42	ng		0.00
23) Nitrobenzene-d5	7.298	82	266233	29.44	ng		0.00
42) 2,4,6-Tribromophenol	10.551	330	94984	33.85	ng		0.00
45) 2-Fluorobiphenyl	9.086	172	460358	29.86	ng		0.00
79) Terphenyl-d14	12.821	244	360159	25.17	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.404	88	61132	16.61	ng		99
3) Pyridine	3.134	79	172577	17.83	ng		98
4) n-Nitrosodimethylamine	3.075	42	88961	19.02	ng		95
6) Aniline	6.392	93	181883	13.71	ng	#	33
8) 2-Chlorophenol	6.522	128	185226	21.90	ng		94
9) Benzaldehyde	6.281	77	79043	9.93	ng		98
10) Phenol	6.392	94	247271	22.24	ng		88
11) bis(2-Chloroethyl)ether	6.463	93	182017	21.18	ng		99
12) 1,3-Dichlorobenzene	6.669	146	200348	21.06	ng		97
13) 1,4-Dichlorobenzene	6.745	146	202359	21.19	ng		98
14) 1,2-Dichlorobenzene	6.898	146	192200	22.01	ng		98
15) Benzyl Alcohol	6.881	79	162478	23.32	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.010	45	283701	21.45	ng		73
17) 2-Methylphenol	6.998	107	150195	20.77	ng	#	91
18) Hexachloroethane	7.234	117	67990	19.71	ng		97
19) n-Nitroso-di-n-propyla...	7.145	70	143653	23.42	ng		100
20) 3+4-Methylphenols	7.157	107	200805	23.03	ng	#	62
22) Acetophenone	7.145	105	272060	22.80	ng	#	89
24) Nitrobenzene	7.316	77	201635	20.86	ng		99
25) Isophorone	7.557	82	378176	22.11	ng	#	97
26) 2-Nitrophenol	7.633	139	89805	20.17	ng		90
27) 2,4-Dimethylphenol	7.681	122	159209	20.98	ng		99
28) bis(2-Chloroethoxy)met...	7.763	93	224200	20.95	ng		96
29) 2,4-Dichlorophenol	7.886	162	145588	20.49	ng		98
30) 1,2,4-Trichlorobenzene	7.957	180	154783	20.48	ng		99
31) Naphthalene	8.033	128	511357	20.58	ng		99
32) Benzoic acid	7.822	122	78905	22.96	ng	#	69
33) 4-Chloroaniline	8.092	127	107079	10.12	ng		98
34) Hexachlorobutadiene	8.145	225	94429	21.07	ng		99
35) Caprolactam	8.457	113	41482	18.38	ng	#	49
36) 4-Chloro-3-methylphenol	8.586	107	153666	20.13	ng		99
37) 2-Methylnaphthalene	8.722	142	332315	20.65	ng		99
38) 1-Methylnaphthalene	8.822	142	301588	20.24	ng		100
40) 1,2,4,5-Tetrachloroben...	8.892	216	149895	20.48	ng		99
41) Hexachlorocyclopentadiene	8.875	237	1500	9.69	ng		84
43) 2,4,6-Trichlorophenol	9.010	196	94900	21.01	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	101767	20.86	ng	#	91
46) 1,1'-Biphenyl	9.186	154	392464	21.28	ng		98
47) 2-Chloronaphthalene	9.210	162	295162	20.58	ng		99
48) 2-Nitroaniline	9.316	65	102643	21.70	ng		94
49) Acenaphthylene	9.627	152	455344	20.67	ng		99
50) Dimethylphthalate	9.486	163	376536	22.70	ng		100
51) 2,6-Dinitrotoluene	9.557	165	73139	20.10	ng		94
52) Acenaphthene	9.798	154	270289	20.63	ng		99
53) 3-Nitroaniline	9.727	138	59736	14.44	ng		97
54) 2,4-Dinitrophenol	9.863	184	8904m	12.96	ng		
55) Dibenzofuran	9.969	168	393807	20.55	ng		98
56) 4-Nitrophenol	9.916	139	77019	34.22	ng		82
57) 2,4-Dinitrotoluene	9.969	165	89049	19.88	ng	#	83
58) Fluorene	10.310	166	320897	20.79	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	77160	20.45	ng	#	99
60) Diethylphthalate	10.180	149	355335	22.22	ng		98
61) 4-Chlorophenyl-phenyle...	10.298	204	157674	21.30	ng		94
62) 4-Nitroaniline	10.339	138	65301	15.80	ng		91
63) Azobenzene	10.457	77	349210	20.65	ng		97
65) 4,6-Dinitro-2-methylph...	10.386	198	9280	7.74	ng	#	63
66) n-Nitrosodiphenylamine	10.422	169	297182	22.69	ng		100
67) 4-Bromophenyl-phenylether	10.786	248	97989	22.30	ng		95
68) Hexachlorobenzene	10.863	284	100535	20.22	ng	#	92
69) Atrazine	10.951	200	79209	24.73	ng		97
70) Pentachlorophenol	11.063	266	69262	39.85	ng		99
71) Phenanthrene	11.269	178	459142	22.02	ng		99
72) Anthracene	11.322	178	451288	20.87	ng		99
73) Carbazole	11.480	167	382642	19.90	ng		99
74) Di-n-butylphthalate	11.804	149	525822	23.77	ng		99
75) Fluoranthene	12.457	202	459275	20.54	ng		98
77) Benzidine	12.586	184	193669	23.03	ng		100
78) Pyrene	12.686	202	462402	22.25	ng		99
80) Butylbenzylphthalate	13.298	149	183491	22.26	ng		99
81) Benzo(a)anthracene	13.874	228	388382	21.73	ng		100
82) 3,3'-Dichlorobenzidine	13.839	252	116311	17.55	ng		100
83) Chrysene	13.910	228	376236	21.44	ng		99
84) Bis(2-ethylhexyl)phtha...	13.857	149	266845	23.85	ng		99
85) Di-n-octyl phthalate	14.462	149	434694	24.02	ng		98
87) Indeno(1,2,3-cd)pyrene	16.727	276	302115	20.18	ng		98
88) Benzo(b)fluoranthene	14.910	252	363689	23.33	ng		100
89) Benzo(k)fluoranthene	14.933	252	323077	21.82	ng		99
90) Benzo(a)pyrene	15.262	252	300618	22.33	ng		99
91) Dibenzo(a,h)anthracene	16.727	278	252783	20.51	ng		99
92) Benzo(g,h,i)perylene	17.151	276	246981	20.02	ng		97

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

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