Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
Data File : BF121958.D
Acq On : 14 Oct 2020 15:20
Operator : JU/CG
Sample : PB132357BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB132357BSD

Manual Integrations APPROVED
mohammad
10/15/2020 10:47:11 AM

Quant Time: Oct 14 17:09:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 16:22:33 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.745	152	121461	20.00	ng		0.00
21) Naphthalene-d8	8.028	136	460346	20.00	ng		0.00
39) Acenaphthene-d10	9.781	164	231343	20.00	ng		0.00
64) Phenanthrene-d10	11.269	188	434022	20.00	ng		0.00
76) Chrysene-d12	13.910	240	336193	20.00	ng		0.00
86) Perylene-d12	15.339	264	274416	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	693454	84.26	ng		0.01
7) Phenol-d6	6.393	99	862126	81.38	ng		0.00
23) Nitrobenzene-d5	7.316	82	830027	92.47	ng		0.00
42) 2,4,6-Tribromophenol	10.575	330	246963	86.30	ng		0.00
45) 2-Fluorobiphenyl	9.104	172	1374380	87.41	ng		0.00
79) Terphenyl-d14	12.851	244	1576102	89.34	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.534	88	158880	43.90	ng		99
3) Pyridine	3.257	79	330266	34.70	ng		98
4) n-Nitrosodimethylamine	3.210	42	188759	41.04	ng		98
6) Aniline	6.410	93	385199	29.53	ng	#	42
8) 2-Chlorophenol	6.534	128	346055	41.60	ng		97
9) Benzaldehyde	6.298	77	50140	5.84	ng		98
10) Phenol	6.410	94	432791	39.59	ng		84
11) bis(2-Chloroethyl)ether	6.481	93	337684	39.95	ng		100
12) 1,3-Dichlorobenzene	6.681	146	361972	38.69	ng		99
13) 1,4-Dichlorobenzene	6.763	146	369932	39.38	ng		98
14) 1,2-Dichlorobenzene	6.916	146	330463	38.48	ng		99
15) Benzyl Alcohol	6.898	79	273594	39.93	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.022	45	508943	39.13	ng		74
17) 2-Methylphenol	7.016	107	282009	39.65	ng	#	92
18) Hexachloroethane	7.251	117	132934	39.18	ng		98
19) n-Nitroso-di-n-propyla...	7.163	70	240114	39.81	ng		97
20) 3+4-Methylphenols	7.169	107	350607	40.88	ng	#	73
22) Acetophenone	7.157	105	451086	38.08	ng		92
24) Nitrobenzene	7.334	77	372207	38.79	ng		98
25) Isophorone	7.575	82	659723	38.87	ng		99
26) 2-Nitrophenol	7.651	139	179479	40.62	ng		99
27) 2,4-Dimethylphenol	7.692	122	280627	37.26	ng		99
28) bis(2-Chloroethoxy)met...	7.781	93	412718	38.87	ng		99
29) 2,4-Dichlorophenol	7.898	162	281312	39.89	ng		97
30) 1,2,4-Trichlorobenzene	7.969	180	291556	38.88	ng		99
31) Naphthalene	8.051	128	954938	38.72	ng		100
32) Benzoic acid	7.851	122	163890	39.66	ng		98
33) 4-Chloroaniline	8.104	127	341411	32.50	ng		99
34) Hexachlorobutadiene	8.163	225	172273	38.74	ng		99
35) Caprolactam	8.487	113	93078m	41.55	ng		
36) 4-Chloro-3-methylphenol	8.598	107	313041	41.32	ng		99
37) 2-Methylnaphthalene	8.739	142	623423	39.03	ng		99
38) 1-Methylnaphthalene	8.839	142	584478	39.52	ng		99
40) 1,2,4,5-Tetrachloroben...	8.910	216	287981	38.57	ng		100
41) Hexachlorocyclopentadiene	8.892	237	135814	64.57	ng		99
43) 2,4,6-Trichlorophenol	9.028	196	186007	40.37	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	202133	40.63	ng		96
46) 1,1'-Biphenyl	9.204	154	732084	38.92	ng		99
47) 2-Chloronaphthalene	9.234	162	589313	40.29	ng		96
48) 2-Nitroaniline	9.334	65	211189	43.77	ng		98
49) Acenaphthylene	9.645	152	894170	39.80	ng		100
50) Dimethylphthalate	9.510	163	693581	41.00	ng		99
51) 2,6-Dinitrotoluene	9.575	165	155939	42.02	ng		99
52) Acenaphthene	9.816	154	533370	39.91	ng		98
53) 3-Nitroaniline	9.745	138	149051	35.32	ng		99
54) 2,4-Dinitrophenol	9.869	184	148033	78.37	ng		100
55) Dibenzofuran	9.986	168	770521	39.43	ng		97
56) 4-Nitrophenol	9.928	139	178873	77.91	ng	#	81
57) 2,4-Dinitrotoluene	9.986	165	194071	42.48	ng	#	85
58) Fluorene	10.333	166	634327	40.28	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	176477	45.85	ng		95
60) Diethylphthalate	10.204	149	661366	40.54	ng		98
61) 4-Chlorophenyl-phenyle...	10.322	204	300462	39.79	ng		99
62) 4-Nitroaniline	10.363	138	179150	42.49	ng		94
63) Azobenzene	10.481	77	708622	41.08	ng		99
65) 4,6-Dinitro-2-methylph...	10.398	198	120299	41.98	ng		99
66) n-Nitrosodiphenylamine	10.445	169	599383	40.09	ng		100
67) 4-Bromophenyl-phenylether	10.810	248	199687	39.82	ng		99
68) Hexachlorobenzene	10.880	284	227903	40.16	ng		95
69) Atrazine	10.975	200	154972	42.39	ng		97
70) Pentachlorophenol	11.080	266	168343	75.89	ng		98
71) Phenanthrene	11.292	178	944128	39.67	ng		100
72) Anthracene	11.345	178	974891	39.50	ng		100
73) Carbazole	11.504	167	891993	40.64	ng		100
74) Di-n-butylphthalate	11.827	149	1002497	39.70	ng		99
75) Fluoranthene	12.480	202	1035633	40.59	ng		98
77) Benzidine	12.604	184	369484	35.65	ng		99
78) Pyrene	12.710	202	1033919	40.36	ng		99
80) Butylbenzylphthalate	13.322	149	427685	42.09	ng		99
81) Benzo(a)anthracene	13.898	228	910501	41.33	ng		100
82) 3,3'-Dichlorobenzidine	13.857	252	310128	37.95	ng		99
83) Chrysene	13.933	228	886227	40.98	ng		99
84) Bis(2-ethylhexyl)phtha...	13.880	149	575146	41.70	ng		100
85) Di-n-octyl phthalate	14.492	149	950796	42.61	ng		100
87) Indeno(1,2,3-cd)pyrene	16.762	276	743868	41.75	ng		99
88) Benzo(b)fluoranthene	14.933	252	830906	44.79	ng		99
89) Benzo(k)fluoranthene	14.963	252	760863	43.18	ng		99
90) Benzo(a)pyrene	15.286	252	704649	43.98	ng		100
91) Dibenzo(a,h)anthracene	16.762	278	611269	41.67	ng		100
92) Benzo(g,h,i)perylene	17.180	276	609607	41.52	ng		98

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

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