Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110320\
Data File : BF122239.D
Acq On : 3 Nov 2020 14:12
Operator : JU/CG
Sample : PB132766BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB132766BS

Manual Integrations APPROVED
mohammad
11/4/2020 11:00:51 AM

Quant Time: Nov 03 18:09:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 10:16:54 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.710	152	98017	20.00	ng		0.00
21) Naphthalene-d8	7.992	136	379938	20.00	ng		0.00
39) Acenaphthene-d10	9.745	164	193598	20.00	ng		0.00
64) Phenanthrene-d10	11.233	188	356864	20.00	ng		0.00
76) Chrysene-d12	13.886	240	265078	20.00	ng		0.00
86) Perylene-d12	15.327	264	207621	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	779851	117.43	ng		0.01
7) Phenol-d6	6.375	99	911152	106.58	ng		0.00
23) Nitrobenzene-d5	7.287	82	627823	84.75	ng		0.00
42) 2,4,6-Tribromophenol	10.545	330	283807	118.51	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	1055791	80.24	ng		0.00
79) Terphenyl-d14	12.822	244	1273727	91.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.463	88	104299	35.71	ng		97
3) Pyridine	3.210	79	264494	34.44	ng		97
4) n-Nitrosodimethylamine	3.152	42	157258	42.37	ng		94
6) Aniline	6.381	93	313794	29.81	ng	#	47
8) 2-Chlorophenol	6.510	128	286064	42.62	ng		94
9) Benzaldehyde	6.275	77	76024	12.49	ng		99
10) Phenol	6.387	94	342414	38.81	ng		90
11) bis(2-Chloroethyl)ether	6.451	93	281162	41.22	ng		98
12) 1,3-Dichlorobenzene	6.645	146	304303	40.30	ng		99
13) 1,4-Dichlorobenzene	6.728	146	311359	41.07	ng		99
14) 1,2-Dichlorobenzene	6.881	146	277837	40.09	ng		98
15) Benzyl Alcohol	6.875	79	242015	43.77	ng		97
16) 2,2'-oxybis(1-Chloropr...	6.987	45	420967	40.11	ng	#	44
17) 2-Methylphenol	6.993	107	229870	40.05	ng	#	87
18) Hexachloroethane	7.210	117	115221	42.08	ng		99
19) n-Nitroso-di-n-propyla...	7.134	70	210244	43.19	ng		96
20) 3+4-Methylphenols	7.151	107	316487	45.73	ng	#	61
22) Acetophenone	7.134	105	390139	39.91	ng	#	89
24) Nitrobenzene	7.304	77	319564	40.36	ng		99
25) Isophorone	7.545	82	555605	39.66	ng		99
26) 2-Nitrophenol	7.622	139	148176	40.63	ng		92
27) 2,4-Dimethylphenol	7.669	122	236062	37.97	ng		98
28) bis(2-Chloroethoxy)met...	7.751	93	345581	39.43	ng		100
29) 2,4-Dichlorophenol	7.875	162	239483	41.14	ng		99
30) 1,2,4-Trichlorobenzene	7.939	180	243460	39.33	ng		99
31) Naphthalene	8.016	128	798079	39.21	ng		99
32) Benzoic acid	7.851	122	111887	34.13	ng		96
33) 4-Chloroaniline	8.081	127	252104	29.08	ng		99
34) Hexachlorobutadiene	8.122	225	149474	40.73	ng		99
35) Caprolactam	8.469	113	63828m	34.53	ng		
36) 4-Chloro-3-methylphenol	8.581	107	262616	42.00	ng		98
37) 2-Methylnaphthalene	8.704	142	523871	39.74	ng		98
38) 1-Methylnaphthalene	8.804	142	490613	40.19	ng		99
40) 1,2,4,5-Tetrachloroben...	8.875	216	249848	39.98	ng		100
41) Hexachlorocyclopentadiene	8.851	237	76079	50.85	ng		98
43) 2,4,6-Trichlorophenol	9.004	196	148151	38.43	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	144397	34.68	ng		96
46) 1,1'-Biphenyl	9.169	154	621665	39.49	ng		99
47) 2-Chloronaphthalene	9.198	162	487308	39.81	ng		99
48) 2-Nitroaniline	9.310	65	178187	44.13	ng		92
49) Acenaphthylene	9.610	152	740455	39.38	ng		100
50) Dimethylphthalate	9.481	163	564212	39.86	ng		99
51) 2,6-Dinitrotoluene	9.551	165	125069	40.28	ng	#	89
52) Acenaphthene	9.781	154	452814	40.49	ng		100
53) 3-Nitroaniline	9.728	138	101337	28.69	ng		92
54) 2,4-Dinitrophenol	9.857	184	92420	60.67	ng	#	84
55) Dibenzofuran	9.957	168	653465	39.95	ng		94
56) 4-Nitrophenol	9.928	139	124046	64.57	ng		81
57) 2,4-Dinitrotoluene	9.969	165	172248	45.06	ng		95
58) Fluorene	10.298	166	538196	40.84	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	138851m	43.10	ng		
60) Diethylphthalate	10.175	149	573105	41.98	ng		98
61) 4-Chlorophenyl-phenyle...	10.286	204	266684	42.20	ng		97
62) 4-Nitroaniline	10.351	138	125033	35.44	ng		89
63) Azobenzene	10.451	77	598372	41.45	ng		97
65) 4,6-Dinitro-2-methylph...	10.386	198	87938	37.81	ng		98
66) n-Nitrosodiphenylamine	10.410	169	493004	40.10	ng		98
67) 4-Bromophenyl-phenylether	10.775	248	173455	42.07	ng		96
68) Hexachlorobenzene	10.851	284	194797	41.74	ng	#	92
69) Atrazine	10.945	200	147777	49.16	ng		98
70) Pentachlorophenol	11.063	266	103006	58.51	ng		100
71) Phenanthrene	11.263	178	776724	39.70	ng		99
72) Anthracene	11.316	178	817334	40.27	ng		99
73) Carbazole	11.480	167	728150	40.35	ng		99
74) Di-n-butylphthalate	11.792	149	903806	43.54	ng		100
75) Fluoranthene	12.451	202	846848	40.36	ng		99
77) Benzidine	12.586	184	299617	36.66	ng		100
78) Pyrene	12.680	202	841933	41.68	ng		99
80) Butylbenzylphthalate	13.292	149	365138	45.58	ng		98
81) Benzo(a)anthracene	13.874	228	694165	39.96	ng		99
82) 3,3'-Dichlorobenzidine	13.833	252	186717	28.98	ng		98
83) Chrysene	13.910	228	685173	40.18	ng		100
84) Bis(2-ethylhexyl)phtha...	13.845	149	490729	45.12	ng		99
85) Di-n-octyl phthalate	14.457	149	797128	45.31	ng		99
87) Indeno(1,2,3-cd)pyrene	16.745	276	596013	44.21	ng		98
88) Benzo(b)fluoranthene	14.910	252	624274	44.48	ng		100
89) Benzo(k)fluoranthene	14.939	252	561929	42.15	ng		99
90) Benzo(a)pyrene	15.268	252	523431	43.18	ng		100
91) Dibenzo(a,h)anthracene	16.739	278	496662	44.75	ng		99
92) Benzo(g,h,i)perylene	17.174	276	466533	42.00	ng		98

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

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