Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110220\
Data File : BF122221.D
Acq On : 2 Nov 2020 12:24
Operator : JU/CG
Sample : PB132734BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB132734BSD

Manual Integrations APPROVED
mohammad
11/3/2020 10:01:57 AM

Quant Time: Nov 02 14:09:36 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	94287	20.00	ng		0.00
21) Naphthalene-d8	7.992	136	363709	20.00	ng		0.00
39) Acenaphthene-d10	9.745	164	188867	20.00	ng		0.00
64) Phenanthrene-d10	11.233	188	358922	20.00	ng		0.00
76) Chrysene-d12	13.886	240	280087	20.00	ng		0.00
86) Perylene-d12	15.321	264	241981	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.345	112	662344	103.68	ng		0.01
7) Phenol-d6	6.375	99	797582	96.99	ng		0.00
23) Nitrobenzene-d5	7.281	82	482700	68.06	ng		0.00
42) 2,4,6-Tribromophenol	10.545	330	234090	100.20	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	843862	65.74	ng		0.00
79) Terphenyl-d14	12.815	244	974610	66.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.481	88	111693	39.75	ng		97
3) Pyridine	3.198	79	292768	39.63	ng		96
4) n-Nitrosodimethylamine	3.163	42	148474	41.58	ng		93
6) Aniline	6.381	93	270123	26.67	ng	#	30
8) 2-Chlorophenol	6.504	128	273363	42.34	ng		98
9) Benzaldehyde	6.269	77	113208	21.20	ng		99
10) Phenol	6.386	94	339289	39.98	ng		95
11) bis(2-Chloroethyl)ether	6.451	93	266229	40.58	ng		99
12) 1,3-Dichlorobenzene	6.645	146	299519	41.24	ng		99
13) 1,4-Dichlorobenzene	6.728	146	307282	42.14	ng		98
14) 1,2-Dichlorobenzene	6.881	146	277413	41.62	ng		99
15) Benzyl Alcohol	6.869	79	237640	44.68	ng		93
16) 2,2'-oxybis(1-Chloropr...	6.986	45	414201	41.02	ng	#	31
17) 2-Methylphenol	6.992	107	221473	40.12	ng	#	87
18) Hexachloroethane	7.210	117	113540	43.11	ng		100
19) n-Nitroso-di-n-propyla...	7.133	70	205415	43.87	ng		98
20) 3+4-Methylphenols	7.145	107	306988	46.11	ng	#	61
22) Acetophenone	7.128	105	388161	41.48	ng	#	90
24) Nitrobenzene	7.304	77	310960	41.02	ng		98
25) Isophorone	7.539	82	536676	40.02	ng		99
26) 2-Nitrophenol	7.616	139	146188	41.88	ng		89
27) 2,4-Dimethylphenol	7.669	122	236888	39.81	ng		98
28) bis(2-Chloroethoxy)met...	7.751	93	336922	40.16	ng		99
29) 2,4-Dichlorophenol	7.875	162	232007	41.63	ng		98
30) 1,2,4-Trichlorobenzene	7.939	180	238873	40.31	ng		99
31) Naphthalene	8.016	128	786024	40.34	ng		100
32) Benzoic acid	7.845	122	116292	36.40	ng		96
33) 4-Chloroaniline	8.080	127	182749	22.02	ng		98
34) Hexachlorobutadiene	8.128	225	146643	41.74	ng		99
35) Caprolactam	8.463	113	71927m	40.64	ng		
36) 4-Chloro-3-methylphenol	8.580	107	248519	41.52	ng		99
37) 2-Methylnaphthalene	8.710	142	507642	40.23	ng		98
38) 1-Methylnaphthalene	8.804	142	470366	40.25	ng		98
40) 1,2,4,5-Tetrachloroben...	8.875	216	241718	39.65	ng		100
41) Hexachlorocyclopentadiene	8.851	237	85214	55.22	ng		99
43) 2,4,6-Trichlorophenol	8.998	196	148230	39.41	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	145038	35.71	ng		99
46) 1,1'-Biphenyl	9.169	154	612009	39.85	ng		99
47) 2-Chloronaphthalene	9.198	162	479030	40.11	ng		99
48) 2-Nitroaniline	9.310	65	166940	42.38	ng		97
49) Acenaphthylene	9.610	152	721622	39.34	ng		99
50) Dimethylphthalate	9.474	163	545382	39.49	ng		99
51) 2,6-Dinitrotoluene	9.551	165	121601	40.14	ng		99
52) Acenaphthene	9.780	154	438737	40.21	ng		99
53) 3-Nitroaniline	9.727	138	83515	24.24	ng		94
54) 2,4-Dinitrophenol	9.851	184	98680	65.59	ng	#	85
55) Dibenzofuran	9.957	168	648092	40.62	ng		97
56) 4-Nitrophenol	9.933	139	58373m	31.14	ng		
57) 2,4-Dinitrotoluene	9.963	165	160737	43.10	ng		92
58) Fluorene	10.298	166	526289	40.94	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	140623	44.75	ng		93
60) Diethylphthalate	10.174	149	555248	41.69	ng		99
61) 4-Chlorophenyl-phenyle...	10.286	204	253925	41.19	ng		96
62) 4-Nitroaniline	10.345	138	121222	35.22	ng		88
63) Azobenzene	10.451	77	577386	41.00	ng		97
65) 4,6-Dinitro-2-methylph...	10.380	198	84798	36.44	ng		95
66) n-Nitrosodiphenylamine	10.410	169	478701	38.72	ng		98
67) 4-Bromophenyl-phenylether	10.774	248	163362	39.40	ng		95
68) Hexachlorobenzene	10.851	284	187102	39.86	ng	#	93
69) Atrazine	10.945	200	130841	43.28	ng		98
70) Pentachlorophenol	11.057	266	107164	60.25	ng		99
71) Phenanthrene	11.263	178	766413	38.94	ng		100
72) Anthracene	11.316	178	803509	39.37	ng		98
73) Carbazole	11.474	167	716346	39.47	ng		99
74) Di-n-butylphthalate	11.792	149	858386	41.11	ng		99
75) Fluoranthene	12.451	202	834430	39.54	ng		98
77) Benzidine	12.580	184	329272	38.13	ng		99
78) Pyrene	12.680	202	844283	39.56	ng		99
80) Butylbenzylphthalate	13.292	149	366657	43.32	ng		97
81) Benzo(a)anthracene	13.874	228	735928	40.10	ng		100
82) 3,3'-Dichlorobenzidine	13.833	252	172533	25.34	ng		100
83) Chrysene	13.909	228	718400	39.87	ng		100
84) Bis(2-ethylhexyl)phtha...	13.845	149	502608	43.74	ng		100
85) Di-n-octyl phthalate	14.457	149	836002	44.97	ng		99
87) Indeno(1,2,3-cd)pyrene	16.745	276	613009	39.02	ng		98
88) Benzo(b)fluoranthene	14.915	252	696100	42.56	ng		98
89) Benzo(k)fluoranthene	14.939	252	607292	39.08	ng		100
90) Benzo(a)pyrene	15.262	252	567675	40.18	ng		99
91) Dibenzo(a,h)anthracene	16.739	278	514316	39.76	ng		99
92) Benzo(g,h,i)perylene	17.168	276	511135	39.48	ng		96

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

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