Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
Data File : BF122027.D
Acq On : 20 Oct 2020 13:57
Operator : JU/CG
Sample : PB132463BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 20 14:24:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 12:55:05 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB132463BSD

Manual Integrations APPROVED
mohammad
10/21/2020 12:50:01 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	143379	20.00	ng		-0.02
21) Naphthalene-d8	8.016	136	556756	20.00	ng		-0.01
39) Acenaphthene-d10	9.769	164	293225	20.00	ng		-0.01
64) Phenanthrene-d10	11.257	188	531960	20.00	ng		0.00
76) Chrysene-d12	13.904	240	393128	20.00	ng		0.00
86) Perylene-d12	15.333	264	330865	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	765849	78.83	ng		0.00
7) Phenol-d6	6.387	99	935185	74.78	ng		0.00
23) Nitrobenzene-d5	7.310	82	1039894	95.79	ng		0.00
42) 2,4,6-Tribromophenol	10.569	330	291923	80.48	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1732954	86.96	ng		0.00
79) Terphenyl-d14	12.845	244	2105583	102.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.528	88	143933	33.69	ng		100
3) Pyridine	3.240	79	420029	37.39	ng		99
4) n-Nitrosodimethylamine	3.210	42	236380	43.53	ng		95
6) Aniline	6.398	93	483351	31.39	ng	#	19
8) 2-Chlorophenol	6.522	128	430007	43.79	ng		96
9) Benzaldehyde	6.281	77	186615	23.47	ng		100
10) Phenol	6.398	94	523955	40.60	ng		90
11) bis(2-Chloroethyl)ether	6.475	93	427997	42.90	ng		97
12) 1,3-Dichlorobenzene	6.669	146	449390	40.69	ng		99
13) 1,4-Dichlorobenzene	6.745	146	453846	40.93	ng		98
14) 1,2-Dichlorobenzene	6.904	146	407173	40.17	ng		99
15) Benzyl Alcohol	6.887	79	345847	42.76	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.010	45	632164	41.17	ng		59
17) 2-Methylphenol	7.004	107	346693	41.30	ng	#	90
18) Hexachloroethane	7.239	117	171676	42.86	ng		96
19) n-Nitroso-di-n-propyla...	7.157	70	307222	43.15	ng		99
20) 3+4-Methylphenols	7.157	107	426149	42.10	ng	#	83
22) Acetophenone	7.151	105	580397	40.52	ng		96
24) Nitrobenzene	7.328	77	477444	41.14	ng		97
25) Isophorone	7.563	82	863202	42.05	ng		99
26) 2-Nitrophenol	7.639	139	228383	42.74	ng		97
27) 2,4-Dimethylphenol	7.681	122	376865	41.37	ng		97
28) bis(2-Chloroethoxy)met...	7.769	93	537240	41.83	ng		99
29) 2,4-Dichlorophenol	7.886	162	358763	42.06	ng		99
30) 1,2,4-Trichlorobenzene	7.957	180	371541	40.96	ng		99
31) Naphthalene	8.039	128	1193031	40.00	ng		99
32) Benzoic acid	7.857	122	223530	43.74	ng		99
33) 4-Chloroaniline	8.092	127	317032	24.95	ng		99
34) Hexachlorobutadiene	8.151	225	228445	42.47	ng		100
35) Caprolactam	8.486	113	106182m	39.19	ng		
36) 4-Chloro-3-methylphenol	8.592	107	395947	43.22	ng		100
37) 2-Methylnaphthalene	8.728	142	783059	40.54	ng		98
38) 1-Methylnaphthalene	8.828	142	725303	40.55	ng		99
40) 1,2,4,5-Tetrachloroben...	8.898	216	375182	39.64	ng		99
41) Hexachlorocyclopentadiene	8.880	237	238399	78.25	ng		99
43) 2,4,6-Trichlorophenol	9.016	196	242755	41.57	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	254082	40.29	ng		98
46) 1,1'-Biphenyl	9.198	154	943825	39.59	ng		98
47) 2-Chloronaphthalene	9.222	162	728846	39.31	ng		99
48) 2-Nitroaniline	9.328	65	259001	42.35	ng		99
49) Acenaphthylene	9.633	152	1104424	38.78	ng		100
50) Dimethylphthalate	9.504	163	903999	42.16	ng		100
51) 2,6-Dinitrotoluene	9.569	165	200117	42.55	ng		95
52) Acenaphthene	9.804	154	676525	39.94	ng		99
53) 3-Nitroaniline	9.739	138	141171	26.39	ng		97
54) 2,4-Dinitrophenol	9.863	184	186491	77.95	ng		92
55) Dibenzofuran	9.980	168	966275	39.01	ng		98
56) 4-Nitrophenol	9.928	139	215878	74.19	ng	#	76
57) 2,4-Dinitrotoluene	9.980	165	241732	41.75	ng	#	76
58) Fluorene	10.322	166	792170	39.69	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.104	232	216973	44.47	ng		97
60) Diethylphthalate	10.204	149	882020	42.66	ng		100
61) 4-Chlorophenyl-phenyle...	10.316	204	391419	40.90	ng		99
62) 4-Nitroaniline	10.363	138	198041	37.06	ng		93
63) Azobenzene	10.475	77	903411	41.32	ng		99
65) 4,6-Dinitro-2-methylph...	10.398	198	145945	41.60	ng		96
66) n-Nitrosodiphenylamine	10.439	169	768522	41.94	ng		100
67) 4-Bromophenyl-phenylether	10.804	248	266768	43.41	ng		97
68) Hexachlorobenzene	10.874	284	301532	43.35	ng	#	92
69) Atrazine	10.969	200	209868	46.84	ng		99
70) Pentachlorophenol	11.074	266	237566	86.18	ng		98
71) Phenanthrene	11.286	178	1171290	40.16	ng		99
72) Anthracene	11.339	178	1221595	40.38	ng		98
73) Carbazole	11.498	167	1065725	39.62	ng		100
74) Di-n-butylphthalate	11.821	149	1348144	43.56	ng		99
75) Fluoranthene	12.474	202	1263932	40.41	ng		98
77) Benzidine	12.598	184	642031	52.97	ng		99
78) Pyrene	12.704	202	1265891	42.25	ng		99
80) Butylbenzylphthalate	13.316	149	571256	48.08	ng		98
81) Benzo(a)anthracene	13.892	228	1093082	42.43	ng		99
82) 3,3'-Dichlorobenzidine	13.851	252	258039	27.00	ng		98
83) Chrysene	13.933	228	1074829	42.50	ng		100
84) Bis(2-ethylhexyl)phtha...	13.874	149	794823	49.28	ng	#	99
85) Di-n-octyl phthalate	14.486	149	1302383	49.92	ng		99
87) Indeno(1,2,3-cd)pyrene	16.756	276	945997	44.04	ng		99
88) Benzo(b)fluoranthene	14.927	252	986056	44.09	ng		99
89) Benzo(k)fluoranthene	14.957	252	933176	43.92	ng		100
90) Benzo(a)pyrene	15.280	252	842791	43.63	ng		99
91) Dibenzo(a,h)anthracene	16.762	278	789111	44.61	ng		98
92) Benzo(g,h,i)perylene	17.174	276	788642	44.55	ng		98

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

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