Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
Data File : BF122400.D
Acq On : 20 Nov 2020 13:27
Operator : JU/CG
Sample : PB133132BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133132BS

Manual Integrations APPROVED
mohammad
11/23/2020 1:30:20 PM

Quant Time: Nov 20 14:21:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 13:27:02 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	330610	20.00	ng		0.00
21) Naphthalene-d8	8.157	136	1297036	20.00	ng		0.00
39) Acenaphthene-d10	9.916	164	718309	20.00	ng		0.00
64) Phenanthrene-d10	11.404	188	1318394	20.00	ng		0.00
76) Chrysene-d12	14.051	240	1102093	20.00	ng		0.00
86) Perylene-d12	15.533	264	1054470	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1945341	90.35	ng		0.02
7) Phenol-d6	6.510	99	2484794	88.22	ng		0.00
23) Nitrobenzene-d5	7.433	82	1607413	75.87	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	813869	105.57	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	2938552	63.92	ng		0.00
79) Terphenyl-d14	12.992	244	3150895	60.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.763	88	299733	30.36	ng		88
3) Pyridine	3.498	79	847442	31.21	ng		88
4) n-Nitrosodimethylamine	3.457	42	410148	32.04	ng		87
6) Aniline	6.528	93	877962	23.76	ng	#	50
8) 2-Chlorophenol	6.657	128	927012	41.52	ng		90
9) Benzaldehyde	6.410	77	158269	7.45	ng		99
10) Phenol	6.522	94	1078248	38.87	ng		96
11) bis(2-Chloroethyl)ether	6.604	93	844663	38.31	ng		92
12) 1,3-Dichlorobenzene	6.810	146	946698	37.35	ng		96
13) 1,4-Dichlorobenzene	6.886	146	956753	37.57	ng		96
14) 1,2-Dichlorobenzene	7.039	146	930886	39.17	ng		99
15) Benzyl Alcohol	7.016	79	768884	38.39	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1129902	35.16	ng		95
17) 2-Methylphenol	7.128	107	743079	39.87	ng		98
18) Hexachloroethane	7.380	117	343017	38.68	ng		98
19) n-Nitroso-di-n-propyla...	7.286	70	616760	36.64	ng		94
20) 3+4-Methylphenols	7.281	107	874089	38.11	ng		91
22) Acetophenone	7.281	105	1139743	33.74	ng		95
24) Nitrobenzene	7.451	77	944752	38.97	ng		98
25) Isophorone	7.698	82	1694974	35.89	ng		95
26) 2-Nitrophenol	7.769	139	475732	45.60	ng		98
27) 2,4-Dimethylphenol	7.810	122	772888	34.69	ng		100
28) bis(2-Chloroethoxy)met...	7.904	93	1064848	36.86	ng		98
29) 2,4-Dichlorophenol	8.016	162	799513	40.53	ng		95
30) 1,2,4-Trichlorobenzene	8.098	180	826518	37.97	ng		98
31) Naphthalene	8.180	128	2525171	36.62	ng		99
32) Benzoic acid	7.951	122	583508	47.43	ng		98
33) 4-Chloroaniline	8.222	127	618566	20.60	ng		98
34) Hexachlorobutadiene	8.298	225	485250	38.78	ng		99
35) Caprolactam	8.604	113	248780m	39.79	ng		
36) 4-Chloro-3-methylphenol	8.716	107	839864	40.82	ng		97
37) 2-Methylnaphthalene	8.869	142	1737359	38.14	ng		98
38) 1-Methylnaphthalene	8.969	142	1642111	38.51	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	787557	35.58	ng		99
41) Hexachlorocyclopentadiene	9.027	237	947475	73.21	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	605133	42.10	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	608906	40.41	ng		97
46) 1,1'-Biphenyl	9.333	154	2047436	35.81	ng		99
47) 2-Chloronaphthalene	9.363	162	1648557	36.33	ng		97
48) 2-Nitroaniline	9.457	65	520370	39.52	ng		91
49) Acenaphthylene	9.780	152	2546076	36.50	ng		98
50) Dimethylphthalate	9.639	163	1991197	39.00	ng		99
51) 2,6-Dinitrotoluene	9.698	165	459730	41.06	ng		87
52) Acenaphthene	9.951	154	1753325m	40.61	ng		
53) 3-Nitroaniline	9.869	138	325085	26.82	ng		93
54) 2,4-Dinitrophenol	9.974	184	424185	85.25	ng		93
55) Dibenzofuran	10.121	168	2329056	36.82	ng		98
56) 4-Nitrophenol	10.045	139	784691	71.11	ng		97
57) 2,4-Dinitrotoluene	10.104	165	605393	42.84	ng		90
58) Fluorene	10.469	166	1755833	36.25	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	552457	44.08	ng		97
60) Diethylphthalate	10.339	149	1904270	38.02	ng		98
61) 4-Chlorophenyl-phenyle...	10.457	204	860113	37.62	ng		96
62) 4-Nitroaniline	10.492	138	478071	38.48	ng		99
63) Azobenzene	10.616	77	1841726	35.05	ng		97
65) 4,6-Dinitro-2-methylph...	10.516	198	311096	52.66	ng		87
66) n-Nitrosodiphenylamine	10.580	169	1653543	36.81	ng		95
67) 4-Bromophenyl-phenylether	10.945	248	613298	39.59	ng		97
68) Hexachlorobenzene	11.016	284	663210	39.62	ng		94
69) Atrazine	11.110	200	506355	45.26	ng		98
70) Pentachlorophenol	11.210	266	754813	78.27	ng		98
71) Phenanthrene	11.433	178	2647470	35.39	ng		99
72) Anthracene	11.480	178	2731383	35.43	ng		98
73) Carbazole	11.633	167	2476607	35.31	ng		98
74) Di-n-butylphthalate	11.968	149	2826033	37.80	ng		99
75) Fluoranthene	12.621	202	2837704	36.34	ng		97
77) Benzidine	12.739	184	945282	30.92	ng		100
78) Pyrene	12.851	202	2820399	36.43	ng		98
80) Butylbenzylphthalate	13.468	149	1240519	40.50	ng		97
81) Benzo(a)anthracene	14.039	228	2478303	36.16	ng		98
82) 3,3'-Dichlorobenzidine	14.004	252	745887	29.20	ng		99
83) Chrysene	14.080	228	2546317	36.88	ng		98
84) Bis(2-ethylhexyl)phtha...	14.033	149	1566405	41.96	ng	#	96
85) Di-n-octyl phthalate	14.651	149	2825094	44.65	ng		97
87) Indeno(1,2,3-cd)pyrene	17.015	276	2611087	41.27	ng		100
88) Benzo(b)fluoranthene	15.098	252	2829459	41.43	ng		100
89) Benzo(k)fluoranthene	15.133	252	2464112	37.00	ng		97
90) Benzo(a)pyrene	15.474	252	2393453	40.20	ng		99
91) Dibenzo(a,h)anthracene	17.039	278	2164491	40.84	ng		100
92) Benzo(g,h,i)perylene	17.474	276	2072909	40.22	ng		97

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

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