Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122320\
Data File : BF122836.D
Acq On : 23 Dec 2020 17:12
Operator : JU/CG
Sample : PB133783BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133783BS

Manual Integrations APPROVED
mohammad
12/24/2020 10:43:10 AM

Quant Time: Dec 23 17:47:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	187838	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	737243	20.00	ng		0.00
39) Acenaphthene-d10	9.863	164	382737	20.00	ng		0.00
64) Phenanthrene-d10	11.345	188	706819	20.00	ng		0.00
76) Chrysene-d12	13.992	240	590584	20.00	ng		0.00
86) Perylene-d12	15.445	264	565391	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1272785	107.27	ng		0.02
7) Phenol-d6	6.463	99	1582046	100.54	ng		0.00
23) Nitrobenzene-d5	7.386	82	1016612	69.09	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	543962	108.58	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	1862013	65.80	ng		0.00
79) Terphenyl-d14	12.933	244	2146938	63.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	184827	33.14	ng		99
3) Pyridine	3.422	79	541211	36.72	ng		99
4) n-Nitrosodimethylamine	3.381	42	235935	39.91	ng		99
6) Aniline	6.487	93	509222	27.49	ng		99
8) 2-Chlorophenol	6.610	128	556116	42.52	ng		95
9) Benzaldehyde	6.369	77	153903	16.16	ng		96
10) Phenol	6.475	94	614254	37.67	ng		96
11) bis(2-Chloroethyl)ether	6.557	93	515581	41.39	ng		100
12) 1,3-Dichlorobenzene	6.763	146	597404	38.61	ng		100
13) 1,4-Dichlorobenzene	6.839	146	603921	38.71	ng		99
14) 1,2-Dichlorobenzene	6.987	146	578575	38.41	ng		98
15) Benzyl Alcohol	6.969	79	446240	41.19	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	644281	36.27	ng		94
17) 2-Methylphenol	7.081	107	445723	42.88	ng		98
18) Hexachloroethane	7.334	117	217049	39.04	ng		98
19) n-Nitroso-di-n-propyla...	7.239	70	355868	39.48	ng		97
20) 3+4-Methylphenols	7.234	107	512237	39.01	ng		96
22) Acetophenone	7.234	105	679788	37.08	ng	#	95
24) Nitrobenzene	7.404	77	559278	38.21	ng		97
25) Isophorone	7.645	82	1026921	40.52	ng		99
26) 2-Nitrophenol	7.722	139	302148	42.32	ng		95
27) 2,4-Dimethylphenol	7.763	122	481376	46.00	ng		99
28) bis(2-Chloroethoxy)met...	7.857	93	659421	37.99	ng		100
29) 2,4-Dichlorophenol	7.969	162	483626	39.58	ng		98
30) 1,2,4-Trichlorobenzene	8.045	180	523987	37.84	ng		100
31) Naphthalene	8.128	128	1562587	38.41	ng		99
32) Benzoic acid	7.916	122	323344	38.78	ng		96
33) 4-Chloroaniline	8.175	127	297538	17.49	ng		100
34) Hexachlorobutadiene	8.245	225	308828	36.24	ng		99
35) Caprolactam	8.563	113	152674m	41.48	ng		
36) 4-Chloro-3-methylphenol	8.669	107	513888	42.69	ng		98
37) 2-Methylnaphthalene	8.822	142	1064983	39.57	ng		98
38) 1-Methylnaphthalene	8.916	142	982635	38.60	ng		100
40) 1,2,4,5-Tetrachloroben...	8.986	216	484814	38.24	ng		100
41) Hexachlorocyclopentadiene	8.975	237	473660	84.51	ng		98
43) 2,4,6-Trichlorophenol	9.104	196	335039	38.27	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	360504	39.83	ng	99
46) 1,1'-Biphenyl	9.286	154	1235908	38.91	ng	98
47) 2-Chloronaphthalene	9.310	162	978057	37.16	ng	99
48) 2-Nitroaniline	9.410	65	288537	37.61	ng	99
49) Acenaphthylene	9.727	152	1501338	38.62	ng	99
50) Dimethylphthalate	9.586	163	1222953	40.01	ng	99
51) 2,6-Dinitrotoluene	9.651	165	279979	43.37	ng	99
52) Acenaphthene	9.898	154	889713	35.38	ng	97
53) 3-Nitroaniline	9.816	138	156799	21.02	ng	93
54) 2,4-Dinitrophenol	9.933	184	276040	87.46	ng	95
55) Dibenzofuran	10.069	168	1354752	38.29	ng	100
56) 4-Nitrophenol	9.998	139	384482	72.28	ng	99
57) 2,4-Dinitrotoluene	10.057	165	352692	41.01	ng	97
58) Fluorene	10.410	166	1054595	37.48	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.192	232	314147	39.51	ng	99
60) Diethylphthalate	10.286	149	1171607	39.41	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	520837	37.59	ng	95
62) 4-Nitroaniline	10.439	138	282477	37.31	ng	94
63) Azobenzene	10.563	77	1060664	38.81	ng	97
65) 4,6-Dinitro-2-methylph...	10.475	198	206071	47.81	ng	89
66) n-Nitrosodiphenylamine	10.522	169	995552	39.86	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	370393	38.67	ng	94
68) Hexachlorobenzene	10.963	284	406676	38.41	ng	96
69) Atrazine	11.051	200	297910	36.73	ng	99
70) Pentachlorophenol	11.157	266	433070	77.20	ng	99
71) Phenanthrene	11.374	178	1603870	38.18	ng	99
72) Anthracene	11.427	178	1674395	40.20	ng	99
73) Carbazole	11.580	167	1564496	41.41	ng	99
74) Di-n-butylphthalate	11.910	149	1878523	39.58	ng	99
75) Fluoranthene	12.563	202	1774113	40.27	ng	100
77) Benzidine	12.680	184	555933	43.52	ng	99
78) Pyrene	12.792	202	1788090	39.16	ng	100
80) Butylbenzylphthalate	13.404	149	809771	39.37	ng	100
81) Benzo(a)anthracene	13.980	228	1581994	40.08	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	413682	29.26	ng	98
83) Chrysene	14.021	228	1563109	39.80	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	1105450	39.25	ng	100
85) Di-n-octyl phthalate	14.574	149	1860857	39.83	ng	99
87) Indeno(1,2,3-cd)pyrene	16.904	276	1473384	39.70	ng	99
88) Benzo(b)fluoranthene	15.027	252	1732983	43.69	ng	99
89) Benzo(k)fluoranthene	15.062	252	1431857	39.48	ng	98
90) Benzo(a)pyrene	15.392	252	1407789	40.56	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	1245300	41.00	ng	99
92) Benzo(g,h,i)perylene	17.345	276	1208548	41.11	ng	99

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

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