Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110920\
Data File : BF122281.D
Acq On : 9 Nov 2020 12:25
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 09 13:40:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 09 13:34:45 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
11/10/2020 12:02:10 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	260928	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	980216	20.00	ng		0.00
39) Acenaphthene-d10	9.910	164	512761	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	919155	20.00	ng		0.00
76) Chrysene-d12	14.027	240	825843	20.00	ng		0.00
86) Perylene-d12	15.492	264	816832	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	697663	39.46	ng		0.00
7) Phenol-d6	6.481	99	901584	39.62	ng		-0.01
23) Nitrobenzene-d5	7.428	82	631084	33.02	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	217744	34.33	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1377083	39.51	ng		0.00
79) Terphenyl-d14	12.974	244	1577703	36.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	153598	19.75	ng		94
3) Pyridine	3.393	79	424329	20.76	ng		92
4) n-Nitrosodimethylamine	3.334	42	201013	20.34	ng		96
6) Aniline	6.522	93	580440	20.71	ng		98
8) 2-Chlorophenol	6.645	128	360444	20.17	ng		94
9) Benzaldehyde	6.410	77	289987	22.09	ng		100
10) Phenol	6.492	94	441914	18.82	ng		80
11) bis(2-Chloroethyl)ether	6.598	93	351238	19.34	ng		95
12) 1,3-Dichlorobenzene	6.810	146	407658	20.28	ng		95
13) 1,4-Dichlorobenzene	6.887	146	411674	20.40	ng		96
14) 1,2-Dichlorobenzene	7.040	146	389827	21.13	ng		98
15) Benzyl Alcohol	6.998	79	319266	21.69	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	510602	18.27	ng		100
17) 2-Methylphenol	7.110	107	292739	19.16	ng		98
18) Hexachloroethane	7.387	117	141860	19.46	ng		94
19) n-Nitroso-di-n-propyla...	7.275	70	268148	20.69	ng		99
20) 3+4-Methylphenols	7.263	107	375883	20.40	ng	#	74
22) Acetophenone	7.275	105	514828	20.41	ng	#	83
24) Nitrobenzene	7.445	77	363582	17.80	ng		98
25) Isophorone	7.687	82	694021	19.20	ng		97
26) 2-Nitrophenol	7.763	139	104566	11.11	ng		97
27) 2,4-Dimethylphenol	7.798	122	328491	20.48	ng		97
28) bis(2-Chloroethoxy)met...	7.898	93	429680	19.00	ng		100
29) 2,4-Dichlorophenol	7.998	162	291986	19.44	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	325257	20.37	ng		96
31) Naphthalene	8.175	128	1058856	20.16	ng		100
32) Benzoic acid	7.881	122	119362	14.73	ng		98
33) 4-Chloroaniline	8.216	127	451146	20.17	ng		98
34) Hexachlorobutadiene	8.298	225	190438	20.11	ng		98
35) Caprolactam	8.563	113	87704m	18.39	ng		
36) 4-Chloro-3-methylphenol	8.686	107	307040	19.03	ng		98
37) 2-Methylnaphthalene	8.863	142	695595	20.45	ng		99
38) 1-Methylnaphthalene	8.963	142	651796	20.70	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	318215	19.23	ng		99
41) Hexachlorocyclopentadiene	9.022	237	179523	54.97	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	198801	19.47	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	214233	19.43	ng		97
46) 1,1'-Biphenyl	9.328	154	840922	20.17	ng		98
47) 2-Chloronaphthalene	9.351	162	651389	20.09	ng		98
48) 2-Nitroaniline	9.439	65	148349	13.87	ng		99
49) Acenaphthylene	9.769	152	1010071	20.28	ng		99
50) Dimethylphthalate	9.622	163	724766	19.33	ng		98
51) 2,6-Dinitrotoluene	9.681	165	136377	16.58	ng		95
52) Acenaphthene	9.939	154	616057	20.80	ng		100
53) 3-Nitroaniline	9.851	138	157285	16.81	ng	#	94
54) 2,4-Dinitrophenol	9.951	184	25648	7.74	ng	#	26
55) Dibenzofuran	10.110	168	912165	21.06	ng		100
56) 4-Nitrophenol	9.992	139	123806	24.33	ng		87
57) 2,4-Dinitrotoluene	10.080	165	159852	15.79	ng		93
58) Fluorene	10.451	166	715664	20.51	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.222	232	174017	20.40	ng		98
60) Diethylphthalate	10.328	149	712492	19.71	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	335846	20.07	ng		97
62) 4-Nitroaniline	10.457	138	153678	16.44	ng		95
63) Azobenzene	10.604	77	750978	19.64	ng		99
65) 4,6-Dinitro-2-methylph...	10.486	198	46243	8.79	ng		84
66) n-Nitrosodiphenylamine	10.563	169	632586	19.98	ng		96
67) 4-Bromophenyl-phenylether	10.933	248	211447	19.91	ng		91
68) Hexachlorobenzene	11.004	284	229612	19.10	ng		94
69) Atrazine	11.086	200	152283	19.67	ng		98
70) Pentachlorophenol	11.186	266	120440	31.27	ng		98
71) Phenanthrene	11.416	178	1064846	21.13	ng		100
72) Anthracene	11.463	178	1109061	21.22	ng		99
73) Carbazole	11.616	167	986202	21.22	ng		99
74) Di-n-butylphthalate	11.957	149	1061139	19.84	ng		99
75) Fluoranthene	12.604	202	1113366	20.60	ng		96
77) Benzidine	12.722	184	521787	20.49	ng		99
78) Pyrene	12.827	202	1150021	18.27	ng		100
80) Butylbenzylphthalate	13.451	149	397371	15.92	ng		99
81) Benzo(a)anthracene	14.016	228	1041447	19.24	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	388483	19.35	ng		100
83) Chrysene	14.057	228	1044162	19.65	ng		99
84) Bis(2-ethylhexyl)phtha...	14.016	149	561761	16.58	ng		99
85) Di-n-octyl phthalate	14.627	149	921985	16.82	ng		100
87) Indeno(1,2,3-cd)pyrene	16.957	276	950284	17.92	ng		99
88) Benzo(b)fluoranthene	15.063	252	1031943	18.69	ng		99
89) Benzo(k)fluoranthene	15.098	252	981291	18.71	ng		99
90) Benzo(a)pyrene	15.433	252	888586	18.63	ng		99
91) Dibenzo(a,h)anthracene	16.974	278	805694	18.45	ng		99
92) Benzo(g,h,i)perylene	17.392	276	767339	17.56	ng		99

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

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