Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122920\
Data File : BF122870.D
Acq On : 29 Dec 2020 18:44
Operator : JU/CG
Sample : L5215-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11991MSD

Manual Integrations APPROVED
mohammad
12/30/2020 2:21:14 PM

Quant Time: Dec 29 23:38:22 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	6.822	152	147184	20.00	ng		0.00
21) Naphthalene-d8	8.110	136	563298	20.00	ng		0.00
39) Acenaphthene-d10	9.863	164	288037	20.00	ng		0.00
64) Phenanthrene-d10	11.351	188	496808	20.00	ng		0.00
76) Chrysene-d12	13.992	240	329462	20.00	ng		0.00
86) Perylene-d12	15.451	264	332019	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	1009263	108.56	ng		0.02
7) Phenol-d6	6.469	99	1258400	102.06	ng		0.01
23) Nitrobenzene-d5	7.392	82	810347	72.08	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	391075	103.73	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	1478281	69.42	ng		0.00
79) Terphenyl-d14	12.933	244	1528006	81.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	154231	35.29	ng		99
3) Pyridine	3.399	79	437584	37.89	ng		99
4) n-Nitrosodimethylamine	3.357	42	190377	41.10	ng		98
6) Aniline	6.487	93	346682	23.89	ng	#	89
8) 2-Chlorophenol	6.610	128	470893	45.95	ng		96
9) Benzaldehyde	6.369	77	114204	15.30	ng		98
10) Phenol	6.481	94	557782	43.66	ng		95
11) bis(2-Chloroethyl)ether	6.557	93	430528	44.11	ng		99
12) 1,3-Dichlorobenzene	6.763	146	509075	41.99	ng		99
13) 1,4-Dichlorobenzene	6.840	146	510428	41.75	ng		99
14) 1,2-Dichlorobenzene	6.992	146	489416	41.47	ng		99
15) Benzyl Alcohol	6.969	79	376588	44.36	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	520754	37.41	ng		87
17) 2-Methylphenol	7.087	107	368508	45.24	ng		95
18) Hexachloroethane	7.334	117	183194	42.05	ng		98
19) n-Nitroso-di-n-propyla...	7.245	70	298639	42.28	ng		99
20) 3+4-Methylphenols	7.240	107	437241	42.49	ng		97
22) Acetophenone	7.234	105	591950	42.26	ng	#	96
24) Nitrobenzene	7.410	77	465730	41.64	ng		100
25) Isophorone	7.651	82	844486	43.61	ng		98
26) 2-Nitrophenol	7.722	139	253429	46.46	ng		99
27) 2,4-Dimethylphenol	7.763	122	395695	49.49	ng		99
28) bis(2-Chloroethoxy)met...	7.857	93	535797	40.40	ng		99
29) 2,4-Dichlorophenol	7.969	162	393536	42.15	ng		98
30) 1,2,4-Trichlorobenzene	8.051	180	427063	40.37	ng		99
31) Naphthalene	8.128	128	1282835	41.27	ng		100
32) Benzoic acid	7.922	122	278718	43.75	ng		99
33) 4-Chloroaniline	8.175	127	174100	13.40	ng		98
34) Hexachlorobutadiene	8.245	225	257723	39.58	ng		99
35) Caprolactam	8.563	113	119878m	42.63	ng		
36) 4-Chloro-3-methylphenol	8.675	107	412548	44.86	ng		97
37) 2-Methylnaphthalene	8.822	142	862700	41.96	ng		99
38) 1-Methylnaphthalene	8.922	142	795086	40.88	ng		100
40) 1,2,4,5-Tetrachloroben...	8.986	216	415160	43.51	ng		100
41) Hexachlorocyclopentadiene	8.975	237	265028	62.83	ng		98
43) 2,4,6-Trichlorophenol	9.104	196	280772	42.61	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	293747	43.13	ng	98
46) 1,1'-Biphenyl	9.286	154	1034505	43.28	ng	98
47) 2-Chloronaphthalene	9.310	162	821163	41.46	ng	99
48) 2-Nitroaniline	9.410	65	235609	40.80	ng	96
49) Acenaphthylene	9.728	152	1239113	42.36	ng	100
50) Dimethylphthalate	9.586	163	1086265	47.22	ng	99
51) 2,6-Dinitrotoluene	9.651	165	218005	44.87	ng	89
52) Acenaphthene	9.898	154	726003	38.36	ng	98
53) 3-Nitroaniline	9.822	138	122559	21.83	ng	99
54) 2,4-Dinitrophenol	9.939	184	202532	85.26	ng	92
55) Dibenzofuran	10.069	168	1106934	41.58	ng	99
56) 4-Nitrophenol	9.998	139	296548	74.08	ng	89
57) 2,4-Dinitrotoluene	10.063	165	276421	42.71	ng	98
58) Fluorene	10.416	166	856777	40.46	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	248781	41.58	ng	99
60) Diethylphthalate	10.286	149	946344	42.30	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	422819	40.55	ng	97
62) 4-Nitroaniline	10.439	138	203301	35.68	ng	99
63) Azobenzene	10.563	77	847515	41.21	ng	98
65) 4,6-Dinitro-2-methylph...	10.475	198	150090	49.54	ng	93
66) n-Nitrosodiphenylamine	10.522	169	782662	44.59	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	287655	42.73	ng	96
68) Hexachlorobenzene	10.963	284	304808	40.96	ng	99
69) Atrazine	11.051	200	217578	38.17	ng	100
70) Pentachlorophenol	11.163	266	323405	82.02	ng	99
71) Phenanthrene	11.375	178	1229761	41.65	ng	100
72) Anthracene	11.428	178	1285827	43.92	ng	100
73) Carbazole	11.580	167	1119864	42.18	ng	100
74) Di-n-butylphthalate	11.910	149	1375408	41.22	ng	99
75) Fluoranthene	12.563	202	1199164	38.73	ng	99
77) Benzidine	12.686	184	379925	53.31	ng	100
78) Pyrene	12.792	202	1179176	46.29	ng	99
80) Butylbenzylphthalate	13.404	149	510695	44.51	ng	99
81) Benzo(a)anthracene	13.980	228	965575	43.85	ng	98
82) 3,3'-Dichlorobenzidine	13.939	252	282521	35.83	ng	99
83) Chrysene	14.021	228	960468	43.83	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	699756	44.54	ng	99
85) Di-n-octyl phthalate	14.574	149	1118866	42.93	ng	98
87) Indeno(1,2,3-cd)pyrene	16.921	276	1095873	50.28	ng	99
88) Benzo(b)fluoranthene	15.033	252	1002149	43.02	ng	98
89) Benzo(k)fluoranthene	15.063	252	912897	42.86	ng	98
90) Benzo(a)pyrene	15.392	252	887888	43.57	ng	100
91) Dibenzo(a,h)anthracene	16.927	278	898525	50.37	ng	99
92) Benzo(g,h,i)perylene	17.362	276	933716	54.09	ng	97

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

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