Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119809.D
Acq On : 7 Apr 2020 8:59
Operator : MA/SJ
Sample : L2135-06MSD
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2E-(7-9)MSD

Manual Integrations APPROVED
mohammad
4/8/2020 8:12:41 AM

Quant Time: Apr 07 09:32:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 06 11:15:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	164574	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	629876	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	319061	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	611523	20.00	ng		0.00
76) Chrysene-d12	13.96	240	444667	20.00	ng		0.00
87) Perylene-d12	15.40	264	457537	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1342728	129.88	ng		0.01
7) Phenol-d6	6.42	99	1736579	131.50	ng		0.00
23) Nitrobenzene-d5	7.35	82	1059688	91.43	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	483752	146.96	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1950072	90.55	ng		0.00
79) Terphenyl-d14	12.90	244	2051638	90.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	220000	43.087	ng		99
3) Pyridine	3.26	79	586360	41.685	ng		95
4) n-Nitrosodimethylamine	3.22	42	314581	45.859	ng		95
6) Aniline	6.45	93	447014	24.525	ng		95
8) 2-Chlorophenol	6.57	128	627013	57.747	ng		99
9) Benzaldehyde	6.33	77	317780	37.932	ng		98
10) Phenol	6.43	94	775142	55.008	ng		98
11) bis(2-Chloroethyl)ether	6.52	93	587975	52.171	ng		99
12) 1,3-Dichlorobenzene	6.72	146	635459	54.074	ng		96
13) 1,4-Dichlorobenzene	6.80	146	639745	54.425	ng		98
14) 1,2-Dichlorobenzene	6.96	146	598962	54.515	ng		99
15) Benzyl Alcohol	6.93	79	511445	51.484	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1043635	45.909	ng		98
17) 2-Methylphenol	7.05	107	495990	49.856	ng		99
18) Hexachloroethane	7.30	117	240555	55.843	ng		98
19) n-Nitroso-di-n-propylamine	7.20	70	414175	52.031	ng		98
20) 3+4-Methylphenols	7.20	107	608027	49.870	ng	#	78
22) Acetophenone	7.19	105	798866	53.078	ng	#	89
24) Nitrobenzene	7.37	77	637514	51.471	ng		98
25) Isophorone	7.61	82	1165374	49.569	ng		98
26) 2-Nitrophenol	7.69	139	334550	68.601	ng		89
27) 2,4-Dimethylphenol	7.73	122	516505	51.221	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	733721	52.777	ng		100
29) 2,4-Dichlorophenol	7.93	162	507841	54.810	ng		99
30) 1,2,4-Trichlorobenzene	8.01	180	545903	53.276	ng		96
31) Naphthalene	8.09	128	1747335	53.907	ng		99
32) Benzoic acid	7.86	122	397088	61.217	ng		99
33) 4-Chloroaniline	8.14	127	155436	10.465	ng		98
34) Hexachlorobutadiene	8.21	225	311103	54.264	ng		98
35) Caprolactam	8.52	113	157413m	51.911	ng		
36) 4-Chloro-3-methylphenol	8.63	107	540988	53.421	ng		99
37) 2-Methylnaphthalene	8.79	142	1163009	54.670	ng		98
38) 1-Methylnaphthalene	8.89	142	1093630	54.314	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	511937	54.741	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	508286	95.602 ng	100
43) 2,4,6-Trichlorophenol	9.06	196	374173	55.910 ng	100
44) 2,4,5-Trichlorophenol	9.10	196	389141	51.906 ng	98
46) 1,1'-Biphenyl	9.25	154	1397103	53.764 ng	99
47) 2-Chloronaphthalene	9.27	162	1080152	53.066 ng	100
48) 2-Nitroaniline	9.37	65	382778	54.482 ng	90
49) Acenaphthylene	9.69	152	1694153	53.000 ng	98
50) Dimethylphthalate	9.56	163	1466386	64.704 ng	100
51) 2,6-Dinitrotoluene	9.62	165	280610	57.766 ng	94
52) Acenaphthene	9.86	154	1040038	52.191 ng	99
53) 3-Nitroaniline	9.78	138	110270	17.981 ng	96
54) 2,4-Dinitrophenol	9.89	184	241013	111.511 ng	95
55) Dibenzofuran	10.04	168	1513876	52.987 ng	99
56) 4-Nitrophenol	9.96	139	486436	100.546 ng	90
57) 2,4-Dinitrotoluene	10.02	165	376935	61.597 ng	94
58) Fluorene	10.38	166	1162635	55.029 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	318355	56.809 ng	99
60) Diethylphthalate	10.26	149	1256513	54.627 ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	551894	53.417 ng	98
62) 4-Nitroaniline	10.40	138	266946	45.392 ng	100
63) Azobenzene	10.53	77	1188344	51.304 ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	175784	68.551 ng	90
66) n-Nitrosodiphenylamine	10.49	169	1056545	52.629 ng	99
67) 4-Bromophenyl-phenylether	10.86	248	362131	51.997 ng	96
68) Hexachlorobenzene	10.93	284	392986	55.133 ng	97
69) Atrazine	11.02	200	312042	56.697 ng	99
70) Pentachlorophenol	11.12	266	429376	102.733 ng	96
71) Phenanthrene	11.35	178	1662918	52.443 ng	98
72) Anthracene	11.39	178	1731549	53.729 ng	99
73) Carbazole	11.55	167	1582443	49.608 ng	99
74) Di-n-butylphthalate	11.89	149	1942149	56.916 ng	99
75) Fluoranthene	12.53	202	1806129	52.631 ng	97
77) Benzidine	12.65	184	682909	36.289 ng	98
78) Pyrene	12.76	202	1838500	50.379 ng	97
80) Butylbenzylphthalate	13.38	149	820166	55.567 ng	96
81) Benzo(a)anthracene	13.95	228	1493983	51.666 ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	360673	31.634 ng	98
83) Chrysene	13.99	228	1512494	50.683 ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	1057064	60.077 ng	99
85) Di-n-octyl phthalate	14.56	149	1944382	62.834 ng	98
86) Indeno(1,2,3-cd)pyrene	16.84	276	1636598	58.230 ng	99
88) Benzo(b)fluoranthene	14.99	252	1707840	55.879 ng	98
89) Benzo(k)fluoranthene	15.02	252	1425401	48.978 ng	99
90) Benzo(a)pyrene	15.34	252	1445962	52.059 ng	97
91) Dibenzo(a,h)anthracene	16.86	278	1357400	55.873 ng	99
92) Benzo(g,h,i)perylene	17.27	276	1342998	55.025 ng	98

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

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