Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119247.D
Acq On : 6 Mar 2020 9:13
Operator : CG/JU
Sample : L1721-02MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-GRITMS

Quant Time: Mar 06 12:54:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	134394	20.00	ng		-0.02
21) Naphthalene-d8	8.00	136	516213	20.00	ng		-0.03
39) Acenaphthene-d10	9.76	164	275546	20.00	ng		-0.02
64) Phenanthrene-d10	11.25	188	454210	20.00	ng		-0.02
76) Chrysene-d12	13.89	240	264103	20.00	ng		-0.02
87) Perylene-d12	15.31	264	307563	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	937474	116.57	ng		0.00
7) Phenol-d6	6.39	99	1055717	107.94	ng		-0.02
23) Nitrobenzene-d5	7.29	82	819952	83.87	ng		-0.03
42) 2,4,6-Tribromophenol	10.56	330	417293	115.77	ng		-0.02
45) 2-Fluorobiphenyl	9.09	172	1626626	86.97	ng		-0.02
79) Terphenyl-d14	12.83	244	1423314	92.79	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	134235	37.490	ng	#	79
3) Pyridine	3.39	79	99993	10.226	ng		99
4) n-Nitrosodimethylamine	3.21	42	129912	43.857	ng		90
6) Aniline	6.40	93	86529	7.170	ng	#	1
8) 2-Chlorophenol	6.52	128	402349	46.360	ng		99
9) Benzaldehyde	6.28	77	283698	43.416	ng		99
10) Phenol	6.40	94	407728	38.558	ng		83
11) bis(2-Chloroethyl)ether	6.46	93	375300	46.385	ng		98
12) 1,3-Dichlorobenzene	6.67	146	415330	39.928	ng		100
13) 1,4-Dichlorobenzene	6.74	146	422075	40.549	ng		99
14) 1,2-Dichlorobenzene	6.90	146	388650	40.940	ng		97
15) Benzyl Alcohol	6.88	79	339254	47.994	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	295032	42.095	ng	#	30
17) 2-Methylphenol	7.00	107	314894	44.753	ng	#	93
18) Hexachloroethane	7.23	117	150132	40.314	ng		97
19) n-Nitroso-di-n-propylamine	7.15	70	281926	49.469	ng		97
20) 3+4-Methylphenols	7.16	107	438860	50.909	ng	#	85
22) Acetophenone	7.14	105	554547	46.430	ng	#	95
24) Nitrobenzene	7.31	77	421176	43.563	ng		96
25) Isophorone	7.55	82	760516	44.791	ng		99
26) 2-Nitrophenol	7.63	139	223358	43.602	ng		99
27) 2,4-Dimethylphenol	7.67	122	347287	49.952	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	466315	42.194	ng		99
29) 2,4-Dichlorophenol	7.88	162	355226	43.401	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	380195	39.179	ng		97
31) Naphthalene	8.03	128	1138765	42.536	ng		99
32) Benzoic acid	7.85	122	207733	41.930	ng		99
33) 4-Chloroaniline	8.09	127	79876	6.937	ng		98
34) Hexachlorobutadiene	8.15	225	235376	38.940	ng		98
35) Caprolactam	8.47	113	78179	31.021	ng		95
36) 4-Chloro-3-methylphenol	8.59	107	371068	44.797	ng		97
37) 2-Methylnaphthalene	8.72	142	796406	44.204	ng		98
38) 1-Methylnaphthalene	8.82	142	733790	43.307	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	394562	42.470	ng		100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	97729	34.901 ng	99
43) 2,4,6-Trichlorophenol	9.01	196	255968	43.630 ng	99
44) 2,4,5-Trichlorophenol	9.06	196	259272	42.115 ng	100
46) 1,1'-Biphenyl	9.19	154	959689	43.094 ng	98
47) 2-Chloronaphthalene	9.21	162	754805	42.060 ng	98
48) 2-Nitroaniline	9.32	65	214578	42.869 ng	99
49) Acenaphthylene	9.62	152	1139037	43.945 ng	100
50) Dimethylphthalate	9.49	163	1034392	49.092 ng	100
51) 2,6-Dinitrotoluene	9.56	165	204560	43.698 ng	91
52) Acenaphthene	9.79	154	671747	42.981 ng	99
53) 3-Nitroaniline	9.73	138	64475	12.424 ng	100
54) 2,4-Dinitrophenol	9.85	184	143409	64.617 ng	95
55) Dibenzofuran	9.97	168	994818	42.645 ng	99
56) 4-Nitrophenol	9.92	139	148328	47.570 ng	96
57) 2,4-Dinitrotoluene	9.97	165	252482	41.610 ng	96
58) Fluorene	10.31	166	800538	44.163 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	218069	41.979 ng	98
60) Diethylphthalate	10.19	149	897039	45.176 ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	422930	44.078 ng	98
62) 4-Nitroaniline	10.35	138	152223	28.669 ng	95
63) Azobenzene	10.46	77	767355	44.460 ng	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	115945	42.185 ng	88
66) n-Nitrosodiphenylamine	10.42	169	725251	48.765 ng	99
67) 4-Bromophenyl-phenylether	10.79	248	270521	45.564 ng	99
68) Hexachlorobenzene	10.86	284	293125	42.822 ng	98
69) Atrazine	10.95	200	226505	43.590 ng	98
70) Pentachlorophenol	11.07	266	222996	80.872 ng	99
71) Phenanthrene	11.27	178	1088917	43.960 ng	99
72) Anthracene	11.32	178	1124060	45.417 ng	99
73) Carbazole	11.48	167	931633	42.253 ng	99
74) Di-n-butylphthalate	11.80	149	1248844	46.771 ng	99
75) Fluoranthene	12.46	202	1004286	38.196 ng	99
77) Benzidine	12.58	184	70161	6.532 ng	98
78) Pyrene	12.69	202	966349	45.567 ng	98
80) Butylbenzylphthalate	13.30	149	414786	46.472 ng	97
81) Benzo(a)anthracene	13.87	228	812522	45.152 ng	98
82) 3,3'-Dichlorobenzidine	13.83	252	191535	27.411 ng	100
83) Chrysene	13.91	228	788193	43.958 ng	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	561714	49.815 ng	99
85) Di-n-octyl phthalate	14.46	149	894919	49.811 ng	98
86) Indeno(1,2,3-cd)pyrene	16.72	276	952667	54.872 ng	99
88) Benzo(b)fluoranthene	14.90	252	842352	41.551 ng	99
89) Benzo(k)fluoranthene	14.93	252	828111	44.078 ng	99
90) Benzo(a)pyrene	15.25	252	779604	42.609 ng	98
91) Dibenzo(a,h)anthracene	16.72	278	807275	50.144 ng	99
92) Benzo(g,h,i)perylene	17.13	276	781855	49.153 ng	98

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

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