Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112219\
Data File : BF117933.D
Acq On : 22 Nov 2019 22:14
Operator : JU
Sample : K5840-05MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02MS

Manual Integrations APPROVED
mohammad
11/25/2019 8:19:33 AM

Quant Time: Nov 23 03:49:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	197313	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	795525	20.00	ng		-0.02
39) Acenaphthene-d10	9.96	164	429912	20.00	ng		-0.02
64) Phenanthrene-d10	11.45	188	899207	20.00	ng		-0.02
76) Chrysene-d12	14.10	240	567893	20.00	ng		-0.02
87) Perylene-d12	15.60	264	502736	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	955052	85.68	ng		0.00
7) Phenol-d6	6.53	99	1389335	103.33	ng		-0.01
23) Nitrobenzene-d5	7.47	82	955094	71.37	ng		-0.02
42) 2,4,6-Tribromophenol	10.75	330	382655	84.07	ng		-0.02
45) 2-Fluorobiphenyl	9.27	172	1914733	79.90	ng		-0.02
79) Terphenyl-d14	13.04	244	2059139	66.27	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	186144	35.725	ng		97
3) Pyridine	3.53	79	460023	33.657	ng		96
4) n-Nitrosodimethylamine	3.48	42	237899	39.873	ng		100
6) Aniline	6.57	93	397895	22.395	ng		98
8) 2-Chlorophenol	6.69	128	574987	47.538	ng		98
9) Benzaldehyde	6.45	77	285793	30.637	ng		100
10) Phenol	6.55	94	734863	52.598	ng		99
11) bis(2-Chloroethyl)ether	6.64	93	507887	45.268	ng		98
12) 1,3-Dichlorobenzene	6.85	146	634961	44.590	ng		97
13) 1,4-Dichlorobenzene	6.92	146	627364	43.586	ng		99
14) 1,2-Dichlorobenzene	7.07	146	602871	43.794	ng		99
15) Benzyl Alcohol	7.05	79	501677	48.330	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	702782	40.685	ng		96
17) 2-Methylphenol	7.16	107	489250	47.764	ng		99
18) Hexachloroethane	7.42	117	229169	43.341	ng		98
19) n-Nitroso-di-n-propylamine	7.32	70	386886	46.644	ng		96
20) 3+4-Methylphenols	7.31	107	596610	46.922	ng	#	76
22) Acetophenone	7.32	105	780954	43.694	ng	#	99
24) Nitrobenzene	7.49	77	610347	44.210	ng		98
25) Isophorone	7.73	82	1094713	44.631	ng		98
26) 2-Nitrophenol	7.80	139	323876	48.199	ng		95
27) 2,4-Dimethylphenol	7.84	122	542979	52.002	ng		98
28) bis(2-Chloroethoxy)methane	7.94	93	632441	40.633	ng		98
29) 2,4-Dichlorophenol	8.05	162	509257	44.964	ng		99
30) 1,2,4-Trichlorobenzene	8.13	180	564582	42.975	ng		99
31) Naphthalene	8.22	128	1753106	47.271	ng		99
32) Benzoic acid	7.97	122	408987m	46.780	ng		
33) 4-Chloroaniline	8.26	127	171123	10.307	ng		99
34) Hexachlorobutadiene	8.33	225	324572	42.256	ng		99
35) Caprolactam	8.64	113	172298m	47.866	ng		
36) 4-Chloro-3-methylphenol	8.75	107	562663	48.951	ng		97
37) 2-Methylnaphthalene	8.91	142	1235959	49.324	ng		100
38) 1-Methylnaphthalene	9.01	142	1028100	43.398	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	519801	41.634	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	673397	96.246 ng	99
43) 2,4,6-Trichlorophenol	9.19	196	404198	45.199 ng	98
44) 2,4,5-Trichlorophenol	9.23	196	418003	45.020 ng	99
46) 1,1'-Biphenyl	9.37	154	1453873	45.582 ng	99
47) 2-Chloronaphthalene	9.40	162	1137556	43.354 ng	98
48) 2-Nitroaniline	9.49	65	345658	43.635 ng	98
49) Acenaphthylene	9.82	152	1808093	47.264 ng	99
50) Dimethylphthalate	9.68	163	1568900	52.041 ng	98
51) 2,6-Dinitrotoluene	9.74	165	319589	48.505 ng	88
52) Acenaphthene	9.99	154	1236480	50.456 ng	98
53) 3-Nitroaniline	9.90	138	133585	16.944 ng	95
54) 2,4-Dinitrophenol	10.02	184	321983	93.744 ng	93
55) Dibenzofuran	10.16	168	1588013	46.796 ng	99
56) 4-Nitrophenol	10.07	139	556594	94.581 ng	97
57) 2,4-Dinitrotoluene	10.15	165	427305	50.983 ng	97
58) Fluorene	10.51	166	1244206	47.314 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.28	232	349118	45.762 ng	98
60) Diethylphthalate	10.38	149	1380946	46.984 ng	99
61) 4-Chlorophenyl-phenylether	10.50	204	627309	47.006 ng	100
62) 4-Nitroaniline	10.53	138	323037	40.922 ng	98
63) Azobenzene	10.66	77	1281405	47.922 ng	98
65) 4,6-Dinitro-2-methylphenol	10.56	198	231141	55.062 ng	94
66) n-Nitrosodiphenylamine	10.62	169	1124859	42.983 ng	99
67) 4-Bromophenyl-phenylether	10.99	248	411058	42.367 ng	99
68) Hexachlorobenzene	11.06	284	460526	40.706 ng	99
69) Atrazine	11.15	200	413521	48.036 ng	98
70) Pentachlorophenol	11.25	266	533410	80.702 ng	100
71) Phenanthrene	11.47	178	1932677	42.750 ng	100
72) Anthracene	11.53	178	1970662	43.965 ng	100
73) Carbazole	11.68	167	1711725	43.700 ng	99
74) Di-n-butylphthalate	12.01	149	2078011	42.609 ng	100
75) Fluoranthene	12.67	202	1921656	47.014 ng	99
77) Benzidine	12.79	184	525690	28.260 ng	99
78) Pyrene	12.90	202	2000586	43.591 ng	100
80) Butylbenzylphthalate	13.51	149	829615	42.087 ng	92
81) Benzo(a)anthracene	14.09	228	1615572	43.051 ng	99
82) 3,3'-Dichlorobenzidine	14.04	252	361084	27.507 ng	99
83) Chrysene	14.13	228	1602437	44.067 ng	100
84) Bis(2-ethylhexyl)phthalate	14.07	149	1146307	47.967 ng	98
85) Di-n-octyl phthalate	14.69	149	1722689	49.069 ng	98
86) Indeno(1,2,3-cd)pyrene	17.13	276	1282019	41.423 ng	99
88) Benzo(b)fluoranthene	15.16	252	1384698	42.394 ng	100
89) Benzo(k)fluoranthene	15.19	252	1325931	43.083 ng	99
90) Benzo(a)pyrene	15.54	252	1212815	42.226 ng	98
91) Dibenzo(a,h)anthracene	17.15	278	1062631	42.984 ng	98
92) Benzo(g,h,i)perylene	17.59	276	1054096	42.809 ng	99

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

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