Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115439.D
Acq On : 9 Jul 2019 18:09
Operator : HP/JU
Sample : K3687-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12017-VNJ-206MSD

Manual Integrations APPROVED
mohammad
7/10/2019 6:16:53 PM

Quant Time: Jul 10 07:45:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:29:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	169258	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	673791	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	346774	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	701260	20.00	ng		0.00
76) Chrysene-d12	14.22	240	416657	20.00	ng		0.00
87) Perylene-d12	15.89	264	423213	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1253540	114.43	ng		0.01
7) Phenol-d6	6.53	99	1702066	122.17	ng		0.00
23) Nitrobenzene-d5	7.46	82	1080183	94.72	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	528102	137.74	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1816240	91.91	ng		0.00
79) Terphenyl-d14	13.04	244	2105567	103.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	169251	31.498	ng		100
3) Pyridine	3.50	79	456811	30.744	ng		99
4) n-Nitrosodimethylamine	3.44	42	200413	33.262	ng		99
6) Aniline	6.56	93	470971	23.955	ng		99
8) 2-Chlorophenol	6.69	128	483651	39.099	ng		99
9) Benzaldehyde	6.45	77	265992	31.791	ng		97
10) Phenol	6.54	94	629789	37.780	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	463538	37.483	ng		99
12) 1,3-Dichlorobenzene	6.84	146	500852	36.957	ng		99
13) 1,4-Dichlorobenzene	6.92	146	507299	37.371	ng		98
14) 1,2-Dichlorobenzene	7.07	146	469716	37.373	ng		99
15) Benzyl Alcohol	7.03	79	437628	39.143	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	624968	36.143	ng		99
17) 2-Methylphenol	7.15	107	412306	38.906	ng		99
18) Hexachloroethane	7.41	117	188178	37.211	ng		93
19) n-Nitroso-di-n-propylamine	7.31	70	343882	36.483	ng		97
20) 3+4-Methylphenols	7.30	107	496392	39.654	ng	#	89
22) Acetophenone	7.30	105	661261	40.957	ng	#	96
24) Nitrobenzene	7.47	77	529858	41.140	ng		97
25) Isophorone	7.72	82	979698	39.634	ng		99
26) 2-Nitrophenol	7.79	139	269688	50.933	ng		99
27) 2,4-Dimethylphenol	7.83	122	463242	45.881	ng		100
28) bis(2-Chloroethoxy)methane	7.92	93	601427	39.457	ng		100
29) 2,4-Dichlorophenol	8.03	162	432137	42.972	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	454210	40.571	ng		98
31) Naphthalene	8.20	128	1390517	41.549	ng		99
32) Benzoic acid	7.92	122	124252	20.808	ng		99
33) 4-Chloroaniline	8.24	127	224756	15.052	ng		99
34) Hexachlorobutadiene	8.32	225	255796	40.289	ng		98
35) Caprolactam	8.62	113	139655m	42.639	ng		
36) 4-Chloro-3-methylphenol	8.72	107	459830	43.229	ng		98
37) 2-Methylnaphthalene	8.89	142	953939	42.644	ng		99
38) 1-Methylnaphthalene	8.99	142	891499	41.769	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	421118	42.212	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	455164	78.719	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	318549	43.860	ng		99
44) 2,4,5-Trichlorophenol	9.21	196	335419	44.538	ng		95
46) 1,1'-Biphenyl	9.36	154	1173418	43.043	ng		98
47) 2-Chloronaphthalene	9.38	162	930412	41.294	ng		99
48) 2-Nitroaniline	9.47	65	294185	44.441	ng		96
49) Acenaphthylene	9.80	152	1420593	41.643	ng		99
50) Dimethylphthalate	9.66	163	1459827	56.087	ng		99
51) 2,6-Dinitrotoluene	9.71	165	262610	46.522	ng		99
52) Acenaphthene	9.97	154	948485	44.179	ng		99
53) 3-Nitroaniline	9.87	138	173972	26.535	ng		99
54) 2,4-Dinitrophenol	9.99	184	185649	76.688	ng	#	60
55) Dibenzofuran	10.14	168	1295834	42.848	ng		100
56) 4-Nitrophenol	10.04	139	466625	91.992	ng		88
57) 2,4-Dinitrotoluene	10.12	165	350868	48.909	ng		95
58) Fluorene	10.48	166	959216	40.235	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	283692	43.605	ng		99
60) Diethylphthalate	10.36	149	1094754	42.732	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	488165	41.953	ng		99
62) 4-Nitroaniline	10.50	138	283024	43.979	ng		99
63) Azobenzene	10.63	77	1089993	41.274	ng		100
65) 4,6-Dinitro-2-methylphenol	10.52	198	153083	45.984	ng		98
66) n-Nitrosodiphenylamine	10.59	169	921442	41.703	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	321726	40.887	ng		98
68) Hexachlorobenzene	11.03	284	355120	40.219	ng		99
69) Atrazine	11.12	200	311213	45.512	ng		100
70) Pentachlorophenol	11.22	266	388112	72.126	ng		100
71) Phenanthrene	11.44	178	1540843	41.779	ng		100
72) Anthracene	11.50	178	1568128	42.401	ng		100
73) Carbazole	11.64	167	1404861	41.522	ng		99
74) Di-n-butylphthalate	11.98	149	1758323	43.001	ng		100
75) Fluoranthene	12.65	202	1729200	44.530	ng		99
77) Benzidine	12.77	184	661087	40.687	ng		97
78) Pyrene	12.89	202	1732896	53.482	ng		100
80) Butylbenzylphthalate	13.56	149	766656	54.155	ng		96
81) Benzo(a)anthracene	14.21	228	1283563	48.079	ng		100
82) 3,3'-Dichlorobenzidine	14.16	252	300816	31.053	ng		99
83) Chrysene	14.26	228	1317955	48.048	ng		100
84) Bis(2-ethylhexyl)phthalate	14.22	149	955500	54.501	ng		99
85) Di-n-octyl phthalate	14.96	149	1634615	52.374	ng		100
86) Indeno(1,2,3-cd)pyrene	17.41	276	1303221	59.969	ng		100
88) Benzo(b)fluoranthene	15.44	252	1158375	42.039	ng		99
89) Benzo(k)fluoranthene	15.47	252	1017442	41.519	ng		98
90) Benzo(a)pyrene	15.83	252	1044546	43.951	ng		98
91) Dibenzo(a,h)anthracene	17.44	278	1069653	52.669	ng		99
92) Benzo(g,h,i)perylene	17.87	276	1113718	57.938	ng		99

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

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