Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115590.D
Acq On : 16 Jul 2019 11:46
Operator : HP/JU
Sample : PB121224BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121224BS

Manual Integrations APPROVED
mohammad
7/17/2019 12:05:33 PM

Quant Time: Jul 16 16:57:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	204003	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	739340	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	368740	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	710939	20.00	ng		0.00
76) Chrysene-d12	14.04	240	456100	20.00	ng		0.00
87) Perylene-d12	15.51	264	340057	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1345591	107.89	ng		0.02
7) Phenol-d6	6.52	99	1743495	110.17	ng		0.00
23) Nitrobenzene-d5	7.45	82	956872	75.25	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	473285	109.96	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1774692	84.24	ng		0.00
79) Terphenyl-d14	12.99	244	1889280	76.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	204359	32.849	ng		98
3) Pyridine	3.53	79	516532	30.603	ng		99
4) n-Nitrosodimethylamine	3.48	42	224046	36.590	ng		96
6) Aniline	6.55	93	562051	25.521	ng		99
8) 2-Chlorophenol	6.67	128	558323	38.937	ng		97
9) Benzaldehyde	6.43	77	73408	7.423	ng		98
10) Phenol	6.53	94	682283	37.139	ng		85
11) bis(2-Chloroethyl)ether	6.62	93	531813	38.022	ng		98
12) 1,3-Dichlorobenzene	6.83	146	572752	35.527	ng		100
13) 1,4-Dichlorobenzene	6.90	146	535988	33.321	ng		98
14) 1,2-Dichlorobenzene	7.06	146	475532	32.340	ng		96
15) Benzyl Alcohol	7.02	79	413758	32.958	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	595928	32.362	ng		98
17) 2-Methylphenol	7.13	107	414521	33.545	ng		100
18) Hexachloroethane	7.40	117	185548	31.078	ng		97
19) n-Nitroso-di-n-propylamine	7.30	70	335402	32.497	ng		100
20) 3+4-Methylphenols	7.29	107	490418	33.411	ng		98
22) Acetophenone	7.29	105	663032	39.696	ng	#	94
24) Nitrobenzene	7.46	77	524721	38.261	ng		98
25) Isophorone	7.70	82	962621	37.834	ng		100
26) 2-Nitrophenol	7.78	139	274159	38.838	ng		95
27) 2,4-Dimethylphenol	7.82	122	458950	43.453	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	584559	37.451	ng		99
29) 2,4-Dichlorophenol	8.02	162	431168	39.253	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	468181	37.706	ng		98
31) Naphthalene	8.19	128	1405226	39.245	ng		97
32) Benzoic acid	7.95	122	340316	39.262	ng		99
33) 4-Chloroaniline	8.23	127	331232	20.884	ng		99
34) Hexachlorobutadiene	8.31	225	263618	37.023	ng		99
35) Caprolactam	8.60	113	134152m	39.523	ng		
36) 4-Chloro-3-methylphenol	8.72	107	443641	38.936	ng		99
37) 2-Methylnaphthalene	8.88	142	948365	39.956	ng		97
38) 1-Methylnaphthalene	8.98	142	892825	39.603	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	438108	39.455	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	358846	56.652	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	310417	38.227	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	323044	38.846	ng	99
46) 1,1'-Biphenyl	9.35	154	1160628	40.261	ng	98
47) 2-Chloronaphthalene	9.37	162	914389	38.094	ng	97
48) 2-Nitroaniline	9.46	65	271812	36.586	ng	98
49) Acenaphthylene	9.79	152	1378336	38.753	ng	98
50) Dimethylphthalate	9.65	163	1053830	37.986	ng	99
51) 2,6-Dinitrotoluene	9.70	165	247601	39.272	ng	88
52) Acenaphthene	9.96	154	972711	42.360	ng	99
53) 3-Nitroaniline	9.87	138	180114	24.999	ng	97
54) 2,4-Dinitrophenol	9.98	184	250774	77.472	ng	92
55) Dibenzofuran	10.13	168	1238936	37.993	ng	100
56) 4-Nitrophenol	10.03	139	383213	69.751	ng	98
57) 2,4-Dinitrotoluene	10.10	165	324658	39.747	ng	99
58) Fluorene	10.47	166	924158	39.642	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.25	232	282247	40.601	ng	99
60) Diethylphthalate	10.35	149	1024912	39.429	ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	473627	36.636	ng	99
62) 4-Nitroaniline	10.49	138	239163	34.606	ng	97
63) Azobenzene	10.62	77	982008	38.948	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	163777	37.705	ng	97
66) n-Nitrosodiphenylamine	10.58	169	850256	38.447	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	303920	37.409	ng	97
68) Hexachlorobenzene	11.02	284	347036	37.404	ng	94
69) Atrazine	11.10	200	256485	35.353	ng	98
70) Pentachlorophenol	11.22	266	401813	70.809	ng	99
71) Phenanthrene	11.43	178	1407637	38.627	ng	97
72) Anthracene	11.49	178	1423173	37.789	ng	100
73) Carbazole	11.63	167	1263081	38.245	ng	99
74) Di-n-butylphthalate	11.96	149	1529086	37.587	ng	99
75) Fluoranthene	12.62	202	1461764	37.958	ng	98
77) Benzidine	12.73	184	299837	18.557	ng	99
78) Pyrene	12.84	202	1458737	37.750	ng	98
80) Butylbenzylphthalate	13.46	149	639439	38.817	ng	99
81) Benzo(a)anthracene	14.03	228	1136241	37.814	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	335269	31.387	ng	99
83) Chrysene	14.07	228	1199221	39.757	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	845650	41.444	ng	99
85) Di-n-octyl phthalate	14.63	149	1398873	43.087	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	938607	36.626	ng	99
88) Benzo(b)fluoranthene	15.08	252	1080149	49.329	ng	99
89) Benzo(k)fluoranthene	15.12	252	983954	50.401	ng	98
90) Benzo(a)pyrene	15.45	252	919786	48.872	ng	100
91) Dibenzo(a,h)anthracene	17.00	278	786396	47.596	ng	99
92) Benzo(g,h,i)perylene	17.43	276	769624	46.706	ng	99

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

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