Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115665.D
Acq On : 19 Jul 2019 9:16
Operator : HP/JU
Sample : PB121516BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121516BS

Manual Integrations APPROVED
mohammad
7/22/2019 10:01:07 AM

Quant Time: Jul 19 14:11:56 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	167588	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	664800	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	334712	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	628489	20.00	ng		0.00
76) Chrysene-d12	14.05	240	432488	20.00	ng		0.00
87) Perylene-d12	15.52	264	402010	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	824546	80.48	ng		0.00
7) Phenol-d6	6.51	99	1050025	80.77	ng		0.00
23) Nitrobenzene-d5	7.45	82	964536	84.36	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	309421	79.20	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1745184	91.26	ng		-0.01
79) Terphenyl-d14	12.99	244	1800812	76.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	193258	37.815	ng		97
3) Pyridine	3.52	79	492506	35.519	ng		99
4) n-Nitrosodimethylamine	3.47	42	205320	40.817	ng		93
6) Aniline	6.54	93	524117	28.970	ng		100
8) 2-Chlorophenol	6.67	128	467412	39.680	ng		98
9) Benzaldehyde	6.43	77	250041	30.778	ng		98
10) Phenol	6.53	94	607109	40.228	ng		86
11) bis(2-Chloroethyl)ether	6.61	93	450811	39.235	ng		99
12) 1,3-Dichlorobenzene	6.82	146	497478	37.562	ng		99
13) 1,4-Dichlorobenzene	6.90	146	506406	38.323	ng		98
14) 1,2-Dichlorobenzene	7.05	146	468030	38.746	ng		97
15) Benzyl Alcohol	7.02	79	406164	39.384	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	605743	40.043	ng		98
17) 2-Methylphenol	7.13	107	413842	40.767	ng		99
18) Hexachloroethane	7.40	117	188929	38.520	ng		99
19) n-Nitroso-di-n-propylamine	7.29	70	328343	38.726	ng		97
20) 3+4-Methylphenols	7.29	107	477001	39.559	ng	#	88
22) Acetophenone	7.29	105	636684	42.392	ng	#	99
24) Nitrobenzene	7.46	77	510817	41.423	ng		99
25) Isophorone	7.70	82	943324	41.233	ng		99
26) 2-Nitrophenol	7.77	139	263742	41.552	ng		96
27) 2,4-Dimethylphenol	7.82	122	442074	46.548	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	581410	41.425	ng		99
29) 2,4-Dichlorophenol	8.02	162	412202	41.734	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	446635	40.004	ng		99
31) Naphthalene	8.19	128	1369776	42.544	ng		97
32) Benzoic acid	7.95	122	303782	38.976	ng		97
33) 4-Chloroaniline	8.23	127	352144	24.692	ng		98
34) Hexachlorobutadiene	8.30	225	250706	39.158	ng		99
35) Caprolactam	8.60	113	125175m	41.013	ng		
36) 4-Chloro-3-methylphenol	8.72	107	426683	41.646	ng		98
37) 2-Methylnaphthalene	8.88	142	916767	42.956	ng		97
38) 1-Methylnaphthalene	8.97	142	860175	42.433	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	410353	40.712	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	476162	82.816	ng		100
43) 2,4,6-Trichlorophenol	9.16	196	290292	39.383	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	303710	40.234	ng		99
46) 1,1'-Biphenyl	9.34	154	1116124	42.653	ng		96
47) 2-Chloronaphthalene	9.37	162	880796	40.425	ng		96
48) 2-Nitroaniline	9.46	65	265613	39.386	ng		98
49) Acenaphthylene	9.79	152	1328964	41.163	ng		98
50) Dimethylphthalate	9.64	163	1006992	39.987	ng		99
51) 2,6-Dinitrotoluene	9.70	165	230739	40.318	ng		96
52) Acenaphthene	9.96	154	932287	44.727	ng		99
53) 3-Nitroaniline	9.87	138	182087	27.842	ng		94
54) 2,4-Dinitrophenol	9.98	184	232473	79.119	ng		96
55) Dibenzofuran	10.13	168	1194958	40.369	ng		99
56) 4-Nitrophenol	10.03	139	368305	73.853	ng		96
57) 2,4-Dinitrotoluene	10.10	165	302766	40.835	ng		97
58) Fluorene	10.47	166	882833	41.720	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	253409	40.158	ng		97
60) Diethylphthalate	10.34	149	962998	40.813	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	456520	38.903	ng		95
62) 4-Nitroaniline	10.49	138	239246	38.138	ng		98
63) Azobenzene	10.62	77	979975	42.819	ng		99
65) 4,6-Dinitro-2-methylphenol	10.52	198	156713	40.812	ng		95
66) n-Nitrosodiphenylamine	10.58	169	810248	41.445	ng		98
67) 4-Bromophenyl-phenylether	10.95	248	282931	39.394	ng		96
68) Hexachlorobenzene	11.02	284	317233	38.678	ng	#	92
69) Atrazine	11.10	200	266456	41.546	ng		98
70) Pentachlorophenol	11.22	266	367434	73.245	ng		99
71) Phenanthrene	11.43	178	1294620	40.186	ng		99
72) Anthracene	11.49	178	1359349	40.829	ng		100
73) Carbazole	11.63	167	1182188	40.491	ng		99
74) Di-n-butylphthalate	11.96	149	1461988	40.653	ng		99
75) Fluoranthene	12.62	202	1357824	39.885	ng		98
77) Benzidine	12.73	184	677785	44.239	ng		99
78) Pyrene	12.85	202	1375231	37.532	ng		98
80) Butylbenzylphthalate	13.46	149	617146	39.509	ng		100
81) Benzo(a)anthracene	14.04	228	1139143	39.981	ng		97
82) 3,3'-Dichlorobenzidine	13.99	252	294255	29.051	ng		98
83) Chrysene	14.07	228	1122726	39.253	ng		98
84) Bis(2-ethylhexyl)phthalate	14.02	149	841410	43.487	ng	#	98
85) Di-n-octyl phthalate	14.63	149	1364731	44.331	ng		100
86) Indeno(1,2,3-cd)pyrene	17.00	276	944755	38.879	ng		99
88) Benzo(b)fluoranthene	15.09	252	1030598	39.813	ng		98
89) Benzo(k)fluoranthene	15.12	252	986689	42.753	ng		99
90) Benzo(a)pyrene	15.46	252	934632	42.008	ng		100
91) Dibenzo(a,h)anthracene	17.02	278	788916	40.390	ng		99
92) Benzo(g,h,i)perylene	17.45	276	784266	40.260	ng		98

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

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