Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
Data File : BF115644.D
Acq On : 18 Jul 2019 13:12
Operator : HP/JU
Sample : PB121483BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121483BS

Manual Integrations APPROVED
mohammad
7/19/2019 3:58:16 PM

Quant Time: Jul 18 17:05:49 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	6.89	152	201827	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	867493	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	439811	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	817716	20.00	ng		0.00
76) Chrysene-d12	14.04	240	501701	20.00	ng		0.00
87) Perylene-d12	15.51	264	352754	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1308011	106.01	ng		0.02
7) Phenol-d6	6.52	99	1649038	105.33	ng		0.00
23) Nitrobenzene-d5	7.45	82	1065371	71.41	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	494562	96.34	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1855600	73.85	ng		0.00
79) Terphenyl-d14	12.99	244	1954957	71.90	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	189005	30.708	ng		98
3) Pyridine	3.53	79	482705	28.907	ng		98
4) n-Nitrosodimethylamine	3.48	42	219129	36.172	ng		98
6) Aniline	6.55	93	500327	22.963	ng		100
8) 2-Chlorophenol	6.67	128	522093	36.803	ng		98
9) Benzaldehyde	6.43	77	49816	5.092	ng		98
10) Phenol	6.53	94	633043	34.830	ng		88
11) bis(2-Chloroethyl)ether	6.62	93	492634	35.601	ng		98
12) 1,3-Dichlorobenzene	6.83	146	535799	33.593	ng		100
13) 1,4-Dichlorobenzene	6.90	146	537878	33.799	ng		97
14) 1,2-Dichlorobenzene	7.06	146	503010	34.577	ng		97
15) Benzyl Alcohol	7.03	79	456757	36.776	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	671046	36.835	ng		98
17) 2-Methylphenol	7.14	107	458831	37.531	ng		98
18) Hexachloroethane	7.40	117	202841	34.340	ng		97
19) n-Nitroso-di-n-propylamine	7.30	70	373097	36.539	ng		98
20) 3+4-Methylphenols	7.29	107	535981	36.909	ng		95
22) Acetophenone	7.29	105	720937	36.786	ng	#	99
24) Nitrobenzene	7.46	77	590030	36.667	ng		96
25) Isophorone	7.70	82	1101709	36.904	ng		99
26) 2-Nitrophenol	7.78	139	301614	36.415	ng		98
27) 2,4-Dimethylphenol	7.82	122	518714	41.856	ng		100
28) bis(2-Chloroethoxy)methane	7.91	93	663309	36.218	ng		99
29) 2,4-Dichlorophenol	8.02	162	487963	37.861	ng		99
30) 1,2,4-Trichlorobenzene	8.11	180	518187	35.569	ng		98
31) Naphthalene	8.19	128	1526308	36.330	ng		98
32) Benzoic acid	7.95	122	374204	36.794	ng		98
33) 4-Chloroaniline	8.23	127	416151	22.362	ng		97
34) Hexachlorobutadiene	8.31	225	292928	35.062	ng		99
35) Caprolactam	8.61	113	150208m	37.715	ng		
36) 4-Chloro-3-methylphenol	8.72	107	511044	38.226	ng		99
37) 2-Methylnaphthalene	8.88	142	1060270	38.072	ng		98
38) 1-Methylnaphthalene	8.98	142	990203	37.434	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	487240	36.789	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	361653	47.869	ng		100
43) 2,4,6-Trichlorophenol	9.16	196	331493	34.226	ng		100
44) 2,4,5-Trichlorophenol	9.20	196	347665	35.051	ng		99
46) 1,1'-Biphenyl	9.35	154	1221467	35.524	ng		98
47) 2-Chloronaphthalene	9.37	162	967652	33.799	ng		98
48) 2-Nitroaniline	9.46	65	292697	33.031	ng		99
49) Acenaphthylene	9.79	152	1458778	34.387	ng		98
50) Dimethylphthalate	9.65	163	1198272	36.212	ng		98
51) 2,6-Dinitrotoluene	9.70	165	277666	36.924	ng		96
52) Acenaphthene	9.96	154	1076300	39.297	ng		99
53) 3-Nitroaniline	9.87	138	202231	23.533	ng		96
54) 2,4-Dinitrophenol	9.98	184	269168	69.717	ng		96
55) Dibenzofuran	10.13	168	1335522	34.336	ng		100
56) 4-Nitrophenol	10.03	139	418761	63.904	ng		97
57) 2,4-Dinitrotoluene	10.10	165	351986	36.129	ng		99
58) Fluorene	10.47	166	975712	35.090	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.25	232	301034	36.306	ng		98
60) Diethylphthalate	10.34	149	1108410	35.751	ng		98
61) 4-Chlorophenyl-phenylether	10.46	204	502547	32.591	ng		94
62) 4-Nitroaniline	10.49	138	244748	29.692	ng		98
63) Azobenzene	10.62	77	1142945	38.006	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	179191	35.867	ng		98
66) n-Nitrosodiphenylamine	10.57	169	930407	36.578	ng		100
67) 4-Bromophenyl-phenylether	10.95	248	337550	36.123	ng		94
68) Hexachlorobenzene	11.02	284	364453	34.152	ng	#	94
69) Atrazine	11.10	200	265679	31.839	ng		99
70) Pentachlorophenol	11.22	266	405045	62.058	ng		99
71) Phenanthrene	11.43	178	1491239	35.577	ng		97
72) Anthracene	11.48	178	1564629	36.120	ng		100
73) Carbazole	11.63	167	1310026	34.487	ng		99
74) Di-n-butylphthalate	11.96	149	1670992	35.712	ng		99
75) Fluoranthene	12.62	202	1566124	35.358	ng		97
77) Benzidine	12.73	184	288019	16.206	ng		99
78) Pyrene	12.85	202	1598343	37.603	ng		99
80) Butylbenzylphthalate	13.46	149	714260	39.418	ng		98
81) Benzo(a)anthracene	14.03	228	1180572	35.718	ng		97
82) 3,3'-Dichlorobenzidine	13.99	252	359078	30.560	ng		97
83) Chrysene	14.07	228	1192236	35.933	ng		98
84) Bis(2-ethylhexyl)phthalate	14.02	149	906785	40.400	ng		98
85) Di-n-octyl phthalate	14.63	149	1554147	43.519	ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1047357	37.155	ng		99
88) Benzo(b)fluoranthene	15.09	252	1115896	49.127	ng		99
89) Benzo(k)fluoranthene	15.12	252	1010360	49.891	ng		98
90) Benzo(a)pyrene	15.45	252	916638	46.952	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	875372	51.074	ng		99
92) Benzo(g,h,i)perylene	17.43	276	853893	49.955	ng		99

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

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