Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117050.D
Acq On : 16 Sep 2019 9:28
Operator : HP/JU
Sample : PB123054BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB123054BS

Manual Integrations APPROVED
mohammad
9/17/2019 1:25:13 PM

Quant Time: Sep 16 11:50:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	71782	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	302185	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	157191	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	259078	20.00	ng		0.00
76) Chrysene-d12	13.97	240	170399	20.00	ng		0.00
87) Perylene-d12	15.41	264	134328	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	511356	111.22	ng		0.02
7) Phenol-d6	6.46	99	667205	112.29	ng		0.00
23) Nitrobenzene-d5	7.39	82	397570	69.13	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	151658	115.44	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	714970	71.12	ng		0.00
79) Terphenyl-d14	12.92	244	686376	75.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	76106	39.558	ng		98
3) Pyridine	3.40	79	168648	32.026	ng		99
4) n-Nitrosodimethylamine	3.34	42	75459	41.756	ng		98
6) Aniline	6.49	93	253968	33.197	ng		97
8) 2-Chlorophenol	6.62	128	224045	45.170	ng		96
9) Benzaldehyde	6.37	77	124907	42.711	ng		95
10) Phenol	6.47	94	284918	43.496	ng		97
11) bis(2-Chloroethyl)ether	6.56	93	207864	43.176	ng		99
12) 1,3-Dichlorobenzene	6.77	146	228494	41.053	ng		97
13) 1,4-Dichlorobenzene	6.84	146	232337	40.904	ng		98
14) 1,2-Dichlorobenzene	7.00	146	224019	42.361	ng		98
15) Benzyl Alcohol	6.97	79	204457	44.871	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	199587	41.961	ng		97
17) 2-Methylphenol	7.08	107	187723	45.159	ng		97
18) Hexachloroethane	7.33	117	91740	41.984	ng		98
19) n-Nitroso-di-n-propylamine	7.24	70	161666	44.681	ng		97
20) 3+4-Methylphenols	7.23	107	233879	45.168	ng	#	88
22) Acetophenone	7.23	105	327130	42.608	ng		96
24) Nitrobenzene	7.40	77	247436	43.566	ng		98
25) Isophorone	7.65	82	451353	44.324	ng		100
26) 2-Nitrophenol	7.72	139	113686	46.601	ng		97
27) 2,4-Dimethylphenol	7.76	122	193847	50.107	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	266115	42.416	ng		99
29) 2,4-Dichlorophenol	7.96	162	179913	44.383	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	181485	41.440	ng		99
31) Naphthalene	8.13	128	634438	43.654	ng		99
32) Benzoic acid	7.89	122	102401	36.833	ng		99
33) 4-Chloroaniline	8.17	127	166326	25.803	ng		97
34) Hexachlorobutadiene	8.25	225	103292	41.571	ng		98
35) Caprolactam	8.54	113	58031m	42.294	ng		
36) 4-Chloro-3-methylphenol	8.66	107	215566	45.607	ng		97
37) 2-Methylnaphthalene	8.82	142	434230	44.370	ng		100
38) 1-Methylnaphthalene	8.92	142	401784	43.835	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	168312	41.465	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	158321	87.431	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	116411	42.260	ng	98
44) 2,4,5-Trichlorophenol	9.14	196	129190	43.896	ng	96
46) 1,1'-Biphenyl	9.27	154	519209	42.109	ng	99
47) 2-Chloronaphthalene	9.30	162	406002	41.722	ng	99
48) 2-Nitroaniline	9.40	65	128707	41.236	ng	99
49) Acenaphthylene	9.72	152	638330	43.788	ng	99
50) Dimethylphthalate	9.57	163	469480	42.182	ng	100
51) 2,6-Dinitrotoluene	9.64	165	103149	45.504	ng	97
52) Acenaphthene	9.89	154	366373	42.397	ng	97
53) 3-Nitroaniline	9.80	138	86014	30.075	ng	98
54) 2,4-Dinitrophenol	9.92	184	78965	80.599	ng	94
55) Dibenzofuran	10.06	168	561663	44.053	ng	99
56) 4-Nitrophenol	9.98	139	155078	83.663	ng	95
57) 2,4-Dinitrotoluene	10.05	165	135747	46.134	ng	95
58) Fluorene	10.40	166	450449	43.859	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	99572	44.212	ng	97
60) Diethylphthalate	10.27	149	471142	43.027	ng	97
61) 4-Chlorophenyl-phenylether	10.39	204	192663	43.357	ng	100
62) 4-Nitroaniline	10.42	138	121864	40.972	ng	94
63) Azobenzene	10.55	77	488358	43.668	ng	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	54732	46.600	ng	96
66) n-Nitrosodiphenylamine	10.51	169	396168	44.277	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	113404	42.862	ng	99
68) Hexachlorobenzene	10.96	284	117624	40.646	ng	96
69) Atrazine	11.03	200	111893	52.592	ng	99
70) Pentachlorophenol	11.15	266	124789	91.994	ng	99
71) Phenanthrene	11.36	178	627987	42.675	ng	99
72) Anthracene	11.42	178	658950	43.861	ng	99
73) Carbazole	11.56	167	614448	43.088	ng	99
74) Di-n-butylphthalate	11.89	149	745071	43.914	ng	99
75) Fluoranthene	12.55	202	644706	42.639	ng	99
77) Benzidine	12.66	184	234777	42.772	ng	99
78) Pyrene	12.77	202	643882	45.034	ng	100
80) Butylbenzylphthalate	13.38	149	297765	44.075	ng	97
81) Benzo(a)anthracene	13.96	228	485373	42.634	ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	129685	35.350	ng	98
83) Chrysene	14.00	228	473335	42.629	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	392754	45.088	ng	99
85) Di-n-octyl phthalate	14.55	149	616304	44.952	ng	99
86) Indeno(1,2,3-cd)pyrene	16.85	276	348963	43.078	ng	98
88) Benzo(b)fluoranthene	15.00	252	384518	47.257	ng	98
89) Benzo(k)fluoranthene	15.03	252	369631	47.956	ng	98
90) Benzo(a)pyrene	15.35	252	350869	49.140	ng	97
91) Dibenzo(a,h)anthracene	16.86	278	295185	51.896	ng	99
92) Benzo(g,h,i)perylene	17.28	276	292710	51.642	ng	96

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

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