Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116481.D
Acq On : 23 Aug 2019 17:06
Operator : HP/JU
Sample : PB122393BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Manual Integrations APPROVED
Jagrut
8/28/2019 8:09:38 AM

Quant Time: Aug 24 06:15:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	109042	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	435264	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	214152	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	337282	20.00	ng		0.00
76) Chrysene-d12	14.03	240	191485	20.00	ng		0.00
87) Perylene-d12	15.49	264	190007	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	713043	95.55	ng		0.01
7) Phenol-d6	6.51	99	887857	97.03	ng		0.00
23) Nitrobenzene-d5	7.44	82	509321	64.02	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	188046	102.26	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	895719	67.36	ng		0.00
79) Terphenyl-d14	12.98	244	749934	73.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	132242	40.927	ng		98
3) Pyridine	3.50	79	323033	32.829	ng		100
4) n-Nitrosodimethylamine	3.45	42	142514	39.675	ng		99
6) Aniline	6.55	93	396685	32.021	ng		99
8) 2-Chlorophenol	6.67	128	307232	39.231	ng		97
9) Benzaldehyde	6.43	77	248232	40.601	ng		97
10) Phenol	6.52	94	369263m	37.162	ng		
11) bis(2-Chloroethyl)ether	6.62	93	298912	39.508	ng		99
12) 1,3-Dichlorobenzene	6.83	146	332293	39.202	ng		97
13) 1,4-Dichlorobenzene	6.90	146	339787	41.650	ng		98
14) 1,2-Dichlorobenzene	7.06	146	314164	40.821	ng		99
15) Benzyl Alcohol	7.02	79	283484	38.282	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	386074	36.907	ng		99
17) 2-Methylphenol	7.13	107	255876	39.435	ng		99
18) Hexachloroethane	7.40	117	125992	39.599	ng		99
19) n-Nitroso-di-n-propylamine	7.29	70	226808	36.325	ng		98
20) 3+4-Methylphenols	7.28	107	317043	39.886	ng		98
22) Acetophenone	7.29	105	431014	39.601	ng	#	92
24) Nitrobenzene	7.46	77	336815	40.880	ng		95
25) Isophorone	7.70	82	600771	38.319	ng		98
26) 2-Nitrophenol	7.78	139	147087	48.874	ng		91
27) 2,4-Dimethylphenol	7.81	122	268426	42.747	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	363150	37.507	ng		99
29) 2,4-Dichlorophenol	8.02	162	241733	40.479	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	275354	40.958	ng		99
31) Naphthalene	8.19	128	871535	41.391	ng		100
32) Benzoic acid	7.92	122	164563	40.993	ng		95
33) 4-Chloroaniline	8.23	127	190828	20.644	ng		98
34) Hexachlorobutadiene	8.31	225	150360	41.010	ng		100
35) Caprolactam	8.59	113	72497m	34.852	ng		
36) 4-Chloro-3-methylphenol	8.70	107	256651	38.090	ng		94
37) 2-Methylnaphthalene	8.87	142	576044	39.844	ng		98
38) 1-Methylnaphthalene	8.97	142	534201	39.555	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	241320	41.884	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	285557	92.117	ng		97
43) 2,4,6-Trichlorophenol	9.15	196	164356	40.759	ng		98
44) 2,4,5-Trichlorophenol	9.19	196	176995	43.138	ng		94
46) 1,1'-Biphenyl	9.34	154	696908	40.703	ng		99
47) 2-Chloronaphthalene	9.36	162	526755	39.684	ng		99
48) 2-Nitroaniline	9.45	65	151129	37.185	ng		98
49) Acenaphthylene	9.78	152	803476	41.373	ng		99
50) Dimethylphthalate	9.63	163	572251	38.299	ng		100
51) 2,6-Dinitrotoluene	9.69	165	124588	40.738	ng		99
52) Acenaphthene	9.95	154	528718	42.428	ng		100
53) 3-Nitroaniline	9.86	138	90251	24.757	ng		93
54) 2,4-Dinitrophenol	9.96	184	81387	69.232	ng	#	1
55) Dibenzofuran	10.12	168	700831	40.346	ng		99
56) 4-Nitrophenol	10.01	139	196715	69.425	ng		96
57) 2,4-Dinitrotoluene	10.09	165	160389	41.215	ng		98
58) Fluorene	10.46	166	531339	39.370	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	136990	40.662	ng		99
60) Diethylphthalate	10.33	149	554403	37.752	ng		100
61) 4-Chlorophenyl-phenylether	10.46	204	257335	39.085	ng		99
62) 4-Nitroaniline	10.47	138	120782	33.876	ng		92
63) Azobenzene	10.62	77	601830	39.857	ng		99
65) 4,6-Dinitro-2-methylphenol	10.50	198	60954	44.646	ng		98
66) n-Nitrosodiphenylamine	10.57	169	471807	43.201	ng		100
67) 4-Bromophenyl-phenylether	10.95	248	151059	42.720	ng		98
68) Hexachlorobenzene	11.02	284	157068	40.161	ng		98
69) Atrazine	11.09	200	130399	39.851	ng		99
70) Pentachlorophenol	11.20	266	184585	80.894	ng		99
71) Phenanthrene	11.42	178	766704	41.728	ng		99
72) Anthracene	11.47	178	780963	42.299	ng		100
73) Carbazole	11.62	167	646983	39.039	ng		100
74) Di-n-butylphthalate	11.96	149	800538	38.982	ng		100
75) Fluoranthene	12.61	202	717636	37.778	ng		100
77) Benzidine	12.72	184	290823	37.749	ng		97
78) Pyrene	12.83	202	709619	46.340	ng		99
80) Butylbenzylphthalate	13.46	149	288271	43.589	ng		99
81) Benzo(a)anthracene	14.02	228	510899	41.196	ng		100
82) 3,3'-Dichlorobenzidine	13.98	252	153730	34.784	ng		97
83) Chrysene	14.06	228	511983	40.730	ng		100
84) Bis(2-ethylhexyl)phthalate	14.02	149	380055	43.098	ng		100
85) Di-n-octyl phthalate	14.63	149	627480	41.912	ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	545473	50.658	ng		99
88) Benzo(b)fluoranthene	15.07	252	464529	39.576	ng		98
89) Benzo(k)fluoranthene	15.10	252	456323	42.913	ng		99
90) Benzo(a)pyrene	15.43	252	451399	43.513	ng		98
91) Dibenzo(a,h)anthracene	16.98	278	453173	53.162	ng		98
92) Benzo(g,h,i)perylene	17.40	276	465236	57.248	ng		97

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

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