Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
Data File : BF116921.D
Acq On : 10 Sep 2019 15:13
Operator : HP/JU
Sample : PB122853BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122853BS

Manual Integrations APPROVED
mohammad
9/16/2019 8:56:53 AM

Quant Time: Sep 10 17:59:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 17:49:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	78780	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	353926	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	188294	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	314269	20.00	ng		0.00
76) Chrysene-d12	13.99	240	221448	20.00	ng		0.00
87) Perylene-d12	15.44	264	153685	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	518825	106.69	ng		0.01
7) Phenol-d6	6.47	99	671721	105.20	ng		0.00
23) Nitrobenzene-d5	7.40	82	391005	63.07	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	154978	123.12	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	710877	63.69	ng		0.00
79) Terphenyl-d14	12.93	244	721517	60.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	76055	33.881	ng		96
3) Pyridine	3.40	79	165649	25.486	ng		92
4) n-Nitrosodimethylamine	3.33	42	74384	33.328	ng		88
6) Aniline	6.50	93	235815	26.664	ng		98
8) 2-Chlorophenol	6.62	128	229272	43.190	ng		95
9) Benzaldehyde	6.38	77	94969	22.575	ng		94
10) Phenol	6.49	94	292692	41.395	ng		93
11) bis(2-Chloroethyl)ether	6.57	93	211051	38.334	ng		100
12) 1,3-Dichlorobenzene	6.77	146	227598	37.935	ng		97
13) 1,4-Dichlorobenzene	6.85	146	230116	38.525	ng		99
14) 1,2-Dichlorobenzene	7.00	146	219554	39.664	ng		97
15) Benzyl Alcohol	6.97	79	205684	39.683	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	208754	32.318	ng		87
17) 2-Methylphenol	7.09	107	199549	42.942	ng		98
18) Hexachloroethane	7.35	117	91818	39.566	ng	#	85
19) n-Nitroso-di-n-propylamine	7.25	70	166270	39.547	ng		93
20) 3+4-Methylphenols	7.24	107	241982	44.786	ng	#	74
22) Acetophenone	7.24	105	332660	39.041	ng	#	97
24) Nitrobenzene	7.42	77	250378	39.709	ng		93
25) Isophorone	7.66	82	463316	36.880	ng		99
26) 2-Nitrophenol	7.73	139	120444	51.379	ng		95
27) 2,4-Dimethylphenol	7.77	122	202935	42.864	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	280095	36.485	ng		98
29) 2,4-Dichlorophenol	7.97	162	190179	41.799	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	185045	37.497	ng		96
31) Naphthalene	8.14	128	650906	38.676	ng		99
32) Benzoic acid	7.90	122	129030	48.268	ng		97
33) 4-Chloroaniline	8.19	127	196441	25.642	ng		96
34) Hexachlorobutadiene	8.26	225	103435	38.440	ng		97
35) Caprolactam	8.55	113	62521m	36.718	ng		
36) 4-Chloro-3-methylphenol	8.67	107	223768	42.791	ng		98
37) 2-Methylnaphthalene	8.83	142	448879	40.087	ng		98
38) 1-Methylnaphthalene	8.93	142	419251	39.663	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	173619	38.464	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	136229	52.264	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	126064	40.743	ng		96
44) 2,4,5-Trichlorophenol	9.15	196	142431	44.339	ng		95
46) 1,1'-Biphenyl	9.29	154	533491	37.339	ng		98
47) 2-Chloronaphthalene	9.32	162	418065	36.943	ng		99
48) 2-Nitroaniline	9.41	65	134214	41.023	ng		98
49) Acenaphthylene	9.73	152	649993	37.997	ng		98
50) Dimethylphthalate	9.59	163	493895	37.993	ng		98
51) 2,6-Dinitrotoluene	9.65	165	110921	44.721	ng		96
52) Acenaphthene	9.90	154	386229	36.746	ng		99
53) 3-Nitroaniline	9.82	138	94569	30.425	ng		93
54) 2,4-Dinitrophenol	9.93	184	95101	104.890	ng		98
55) Dibenzofuran	10.07	168	580891	39.204	ng		96
56) 4-Nitrophenol	9.99	139	186120	87.328	ng		90
57) 2,4-Dinitrotoluene	10.06	165	148879	49.090	ng		99
58) Fluorene	10.42	166	467302	41.390	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	108462	46.784	ng		97
60) Diethylphthalate	10.29	149	507588	38.980	ng		98
61) 4-Chlorophenyl-phenylether	10.41	204	202221	40.903	ng		98
62) 4-Nitroaniline	10.43	138	122246	40.526	ng		97
63) Azobenzene	10.57	77	514907	37.922	ng		94
65) 4,6-Dinitro-2-methylphenol	10.47	198	64432	54.478	ng		87
66) n-Nitrosodiphenylamine	10.53	169	410095	37.722	ng		98
67) 4-Bromophenyl-phenylether	10.90	248	120354	37.698	ng		92
68) Hexachlorobenzene	10.97	284	122707	36.736	ng		96
69) Atrazine	11.05	200	111565	36.640	ng		99
70) Pentachlorophenol	11.16	266	142346	88.095	ng		98
71) Phenanthrene	11.38	178	663171	37.908	ng		99
72) Anthracene	11.43	178	682777	38.771	ng		99
73) Carbazole	11.58	167	638641	38.071	ng		99
74) Di-n-butylphthalate	11.91	149	817201	38.000	ng		100
75) Fluoranthene	12.56	202	683593	39.761	ng		99
77) Benzidine	12.68	184	123776	14.250	ng		99
78) Pyrene	12.79	202	701488	35.635	ng		99
80) Butylbenzylphthalate	13.40	149	342956	35.826	ng		96
81) Benzo(a)anthracene	13.97	228	539796	38.515	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	158959	33.561	ng		99
83) Chrysene	14.02	228	535536	37.089	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	463860	39.254	ng		98
85) Di-n-octyl phthalate	14.57	149	750721	38.821	ng	#	95
86) Indeno(1,2,3-cd)pyrene	16.89	276	383688	33.082	ng		98
88) Benzo(b)fluoranthene	15.02	252	471503	50.745	ng		99
89) Benzo(k)fluoranthene	15.05	252	408817	48.256	ng		99
90) Benzo(a)pyrene	15.39	252	401998	49.729	ng		96
91) Dibenzo(a,h)anthracene	16.90	278	324887	45.915	ng		96
92) Benzo(g,h,i)perylene	17.33	276	319566	44.283	ng		99

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

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