Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
Data File : BF117190.D
Acq On : 20 Sep 2019 17:24
Operator : HP/JU
Sample : PB123268BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Manual Integrations APPROVED
mohammad
9/24/2019 9:12:37 AM

Quant Time: Sep 21 00:58:07 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	43370	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	180020	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	95673	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	155472	20.00	ng		0.01
76) Chrysene-d12	13.99	240	103067	20.00	ng		0.01
87) Perylene-d12	15.43	264	83207	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	388421	139.83	ng		0.02
7) Phenol-d6	6.47	99	518615	144.46	ng		0.02
23) Nitrobenzene-d5	7.39	82	329225	96.09	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	133542	167.01	ng		0.01
45) 2-Fluorobiphenyl	9.18	172	642581	105.02	ng		0.00
79) Terphenyl-d14	12.93	244	638987	115.89	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	32142	27.651	ng		97
3) Pyridine	3.45	79	82598	25.961	ng		98
4) n-Nitrosodimethylamine	3.38	42	47548	43.548	ng	#	74
6) Aniline	6.49	93	117925	25.513	ng		92
8) 2-Chlorophenol	6.62	128	130941	43.693	ng		97
9) Benzaldehyde	6.37	77	92276	54.975	ng		96
10) Phenol	6.49	94	164492	41.562	ng		95
11) bis(2-Chloroethyl)ether	6.56	93	116325	39.991	ng		99
12) 1,3-Dichlorobenzene	6.76	146	129988	38.654	ng		99
13) 1,4-Dichlorobenzene	6.84	146	132773	38.689	ng		98
14) 1,2-Dichlorobenzene	6.99	146	128005	40.062	ng		97
15) Benzyl Alcohol	6.97	79	126952	46.113	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	113447	39.476	ng		61
17) 2-Methylphenol	7.09	107	107779	42.912	ng	#	85
18) Hexachloroethane	7.33	117	53309	40.379	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	99894	45.696	ng		97
20) 3+4-Methylphenols	7.24	107	141702	45.294	ng	#	79
22) Acetophenone	7.23	105	197977	43.285	ng	#	95
24) Nitrobenzene	7.41	77	147751	43.668	ng		97
25) Isophorone	7.65	82	270365	44.568	ng		99
26) 2-Nitrophenol	7.72	139	66980	46.087	ng		93
27) 2,4-Dimethylphenol	7.76	122	114279	49.586	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	154893	41.443	ng		99
29) 2,4-Dichlorophenol	7.97	162	107914	44.687	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	106515	40.826	ng		98
31) Naphthalene	8.12	128	376025	43.432	ng		99
32) Benzoic acid	7.92	122	60731	36.698	ng		94
33) 4-Chloroaniline	8.17	127	40815	10.629	ng		93
34) Hexachlorobutadiene	8.24	225	64162	43.347	ng		99
35) Caprolactam	8.57	113	27974m	34.224	ng		
36) 4-Chloro-3-methylphenol	8.67	107	128957	45.798	ng		97
37) 2-Methylnaphthalene	8.82	142	264490	45.366	ng		96
38) 1-Methylnaphthalene	8.92	142	245014	44.871	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	105025	42.511	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	116622	104.165	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	70994	42.345	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	77886	43.481	ng		98
46) 1,1'-Biphenyl	9.28	154	322459	42.968	ng		99
47) 2-Chloronaphthalene	9.30	162	247749	41.830	ng		98
48) 2-Nitroaniline	9.40	65	77267	40.673	ng		94
49) Acenaphthylene	9.72	152	388716	43.811	ng		100
50) Dimethylphthalate	9.58	163	298937	44.129	ng		100
51) 2,6-Dinitrotoluene	9.65	165	64221	46.548	ng		98
52) Acenaphthene	9.89	154	226346	43.035	ng		98
53) 3-Nitroaniline	9.82	138	28105	16.146	ng		95
54) 2,4-Dinitrophenol	9.93	184	47218	79.345	ng		92
55) Dibenzofuran	10.06	168	352467	45.421	ng		97
56) 4-Nitrophenol	10.00	139	81131	71.913	ng		85
57) 2,4-Dinitrotoluene	10.06	165	85557	47.773	ng	#	84
58) Fluorene	10.41	166	291051	46.561	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	62445	45.555	ng	#	98
60) Diethylphthalate	10.28	149	318202	47.745	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	131248	48.528	ng		96
62) 4-Nitroaniline	10.44	138	65592	36.233	ng	#	82
63) Azobenzene	10.56	77	316498	46.498	ng		96
65) 4,6-Dinitro-2-methylphenol	10.47	198	36486	51.001	ng		77
66) n-Nitrosodiphenylamine	10.52	169	250335	46.623	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	75267	47.405	ng		98
68) Hexachlorobenzene	10.96	284	77155	44.429	ng		96
69) Atrazine	11.05	200	69711	55.597	ng		97
70) Pentachlorophenol	11.16	266	74253	91.217	ng		98
71) Phenanthrene	11.37	178	399878	45.283	ng		98
72) Anthracene	11.42	178	405678	44.998	ng		99
73) Carbazole	11.57	167	359974	42.065	ng		98
74) Di-n-butylphthalate	11.90	149	506971	49.793	ng		99
75) Fluoranthene	12.56	202	392142	43.218	ng		99
77) Benzidine	12.67	184	186420	56.150	ng		98
78) Pyrene	12.79	202	390653	45.172	ng		99
80) Butylbenzylphthalate	13.39	149	203068	49.694	ng		96
81) Benzo(a)anthracene	13.97	228	300254	43.603	ng		98
82) 3,3'-Dichlorobenzidine	13.93	252	41111	18.527	ng		97
83) Chrysene	14.02	228	290808	43.300	ng		98
84) Bis(2-ethylhexyl)phthalate	13.95	149	293664	55.737	ng		99
85) Di-n-octyl phthalate	14.56	149	452842	54.607	ng		100
86) Indeno(1,2,3-cd)pyrene	16.90	276	204978	41.834	ng		97
88) Benzo(b)fluoranthene	15.02	252	224133	44.470	ng		99
89) Benzo(k)fluoranthene	15.04	252	237479m	49.740	ng		
90) Benzo(a)pyrene	15.37	252	205492	46.462	ng		99
91) Dibenzo(a,h)anthracene	16.90	278	172401	48.931	ng		99
92) Benzo(g,h,i)perylene	17.32	276	158773	45.222	ng		96

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

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