Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
Data File : BF116581.D
Acq On : 27 Aug 2019 13:24
Operator : HP/JU
Sample : PB122453BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122453BS

Manual Integrations APPROVED
mohammad
8/29/2019 7:54:45 AM

Quant Time: Aug 27 17:57:38 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	6.87	152	62913	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	266243	20.00	ng		0.00
39) Acenaphthene-d10	9.91	164	143201	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	250335	20.00	ng		0.00
76) Chrysene-d12	14.03	240	174110	20.00	ng		0.00
87) Perylene-d12	15.49	264	143063	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	437304	101.56	ng		0.00
7) Phenol-d6	6.50	99	552198	104.59	ng		0.00
23) Nitrobenzene-d5	7.43	82	328695	67.54	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	146807	119.39	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	608488	68.43	ng		-0.01
79) Terphenyl-d14	12.97	244	638315	68.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	73710	39.539	ng		97
3) Pyridine	3.49	79	169283	29.818	ng		96
4) n-Nitrosodimethylamine	3.43	42	85844	41.421	ng		94
6) Aniline	6.53	93	223069	31.209	ng		99
8) 2-Chlorophenol	6.66	128	188701	41.763	ng		99
9) Benzaldehyde	6.42	77	138513	39.267	ng		98
10) Phenol	6.52	94	243690	42.506	ng		95
11) bis(2-Chloroethyl)ether	6.61	93	174200	39.907	ng		97
12) 1,3-Dichlorobenzene	6.82	146	198441	40.576	ng		98
13) 1,4-Dichlorobenzene	6.89	146	205774	43.717	ng		99
14) 1,2-Dichlorobenzene	7.05	146	195119	43.942	ng		98
15) Benzyl Alcohol	7.01	79	181213	42.414	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	205593	34.064	ng		96
17) 2-Methylphenol	7.13	107	161359	43.102	ng		98
18) Hexachloroethane	7.39	117	77615	42.280	ng		96
19) n-Nitroso-di-n-propylamine	7.29	70	139923	38.841	ng		97
20) 3+4-Methylphenols	7.27	107	206281	44.980	ng	#	88
22) Acetophenone	7.28	105	281404	42.268	ng	#	96
24) Nitrobenzene	7.45	77	215352	42.731	ng		97
25) Isophorone	7.69	82	376264	39.235	ng		99
26) 2-Nitrophenol	7.77	139	99891	54.263	ng		98
27) 2,4-Dimethylphenol	7.80	122	171437	44.633	ng		94
28) bis(2-Chloroethoxy)methane	7.90	93	224960	37.984	ng		99
29) 2,4-Dichlorophenol	8.01	162	160326	43.891	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	175186	42.601	ng		100
31) Naphthalene	8.18	128	562644	43.685	ng		99
32) Benzoic acid	7.92	122	115083	46.867	ng		96
33) 4-Chloroaniline	8.22	127	134817	23.844	ng		99
34) Hexachlorobutadiene	8.30	225	101118	45.088	ng		100
35) Caprolactam	8.58	113	47781m	37.553	ng		
36) 4-Chloro-3-methylphenol	8.70	107	178799	43.382	ng		99
37) 2-Methylnaphthalene	8.87	142	376081	42.527	ng		97
38) 1-Methylnaphthalene	8.97	142	349944	42.362	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	161149	41.827	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	209400	101.019	ng		97
43) 2,4,6-Trichlorophenol	9.15	196	112230	41.622	ng		97
44) 2,4,5-Trichlorophenol	9.18	196	120181	43.804	ng		98
46) 1,1'-Biphenyl	9.33	154	466177	40.717	ng		98
47) 2-Chloronaphthalene	9.36	162	360043	40.564	ng		99
48) 2-Nitroaniline	9.45	65	115364	42.449	ng		98
49) Acenaphthylene	9.77	152	557370	42.921	ng		99
50) Dimethylphthalate	9.63	163	408215	40.857	ng		100
51) 2,6-Dinitrotoluene	9.69	165	92150	45.060	ng		100
52) Acenaphthene	9.95	154	383376	46.008	ng		100
53) 3-Nitroaniline	9.85	138	67314	27.614	ng		97
54) 2,4-Dinitrophenol	9.96	184	82274	100.353	ng	#	1
55) Dibenzofuran	10.12	168	491538	42.317	ng		97
56) 4-Nitrophenol	10.01	139	154686	81.641	ng		92
57) 2,4-Dinitrotoluene	10.09	165	122582	47.106	ng		97
58) Fluorene	10.46	166	385034	42.665	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	97728	43.381	ng		98
60) Diethylphthalate	10.33	149	408519	41.601	ng		100
61) 4-Chlorophenyl-phenylether	10.45	204	188719	42.865	ng		94
62) 4-Nitroaniline	10.47	138	100214	42.034	ng		93
63) Azobenzene	10.61	77	416430	41.243	ng		98
65) 4,6-Dinitro-2-methylphenol	10.50	198	57439	54.796	ng		84
66) n-Nitrosodiphenylamine	10.56	169	334149	41.224	ng		99
67) 4-Bromophenyl-phenylether	10.94	248	107196	40.845	ng		98
68) Hexachlorobenzene	11.01	284	115780	39.886	ng		98
69) Atrazine	11.09	200	98869	40.710	ng		99
70) Pentachlorophenol	11.20	266	145348	85.823	ng		99
71) Phenanthrene	11.42	178	578432	42.416	ng		99
72) Anthracene	11.47	178	588568	42.950	ng		100
73) Carbazole	11.62	167	508794	41.364	ng		99
74) Di-n-butylphthalate	11.95	149	624556	40.975	ng		100
75) Fluoranthene	12.60	202	581159	41.220	ng		99
77) Benzidine	12.72	184	268645	38.350	ng		98
78) Pyrene	12.83	202	586040	42.089	ng		100
80) Butylbenzylphthalate	13.44	149	253782	42.204	ng		93
81) Benzo(a)anthracene	14.02	228	465414	41.273	ng		100
82) 3,3'-Dichlorobenzidine	13.97	252	116781	29.061	ng		98
83) Chrysene	14.05	228	466790	40.841	ng		100
84) Bis(2-ethylhexyl)phthalate	14.01	149	331375	41.327	ng		99
85) Di-n-octyl phthalate	14.62	149	520456	38.233	ng		98
86) Indeno(1,2,3-cd)pyrene	16.95	276	326480	33.346	ng		96
88) Benzo(b)fluoranthene	15.07	252	392511	44.413	ng		97
89) Benzo(k)fluoranthene	15.10	252	380783	47.559	ng		98
90) Benzo(a)pyrene	15.43	252	351620	45.017	ng		97
91) Dibenzo(a,h)anthracene	16.97	278	277384	43.218	ng		97
92) Benzo(g,h,i)perylene	17.40	276	267882	43.780	ng	#	93

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

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