Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113976.D
Acq On : 25 Apr 2019 14:46
Operator : JU/SJ
Sample : PB119163BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB119163BS

Manual Integrations APPROVED
Sohil
4/29/2019 5:49:43 AM

Quant Time: Apr 26 04:36:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	131714	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	530937	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	287230	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	597167	20.00	ng		0.00
76) Chrysene-d12	14.07	240	576342	20.00	ng		0.00
87) Perylene-d12	15.56	264	489383	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	987271	128.20	ng		0.01
7) Phenol-d6	6.53	99	1233674	127.69	ng		0.01
23) Nitrobenzene-d5	7.46	82	800534	93.10	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	460586	131.63	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1562909	85.10	ng		0.00
79) Terphenyl-d14	13.00	244	2120953	75.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	112735	31.055	ng		96
3) Pyridine	3.48	79	275420	27.796	ng		96
4) n-Nitrosodimethylamine	3.42	42	124737	36.775	ng		93
6) Aniline	6.56	93	418954	31.578	ng		96
8) 2-Chlorophenol	6.69	128	363346	41.326	ng		99
9) Benzaldehyde	6.44	77	77483	9.560	ng		94
10) Phenol	6.55	94	453588	39.260	ng		95
11) bis(2-Chloroethyl)ether	6.63	93	352690	40.567	ng		96
12) 1,3-Dichlorobenzene	6.84	146	384509	38.614	ng		99
13) 1,4-Dichlorobenzene	6.92	146	393178	39.256	ng		99
14) 1,2-Dichlorobenzene	7.07	146	372868	40.509	ng		99
15) Benzyl Alcohol	7.04	79	276562	42.501	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	401903	39.601	ng		88
17) 2-Methylphenol	7.15	107	338753	43.954	ng		98
18) Hexachloroethane	7.41	117	137993	39.304	ng		94
19) n-Nitroso-di-n-propylamine	7.31	70	253579	40.528	ng		99
20) 3+4-Methylphenols	7.30	107	372618	42.793	ng	#	79
22) Acetophenone	7.30	105	505864	42.815	ng	#	94
24) Nitrobenzene	7.47	77	402534	42.365	ng		99
25) Isophorone	7.72	82	720470	40.948	ng		99
26) 2-Nitrophenol	7.79	139	202618	46.744	ng		97
27) 2,4-Dimethylphenol	7.83	122	332240	47.044	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	448649	40.016	ng		99
29) 2,4-Dichlorophenol	8.04	162	340601	42.175	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	372292	41.344	ng		99
31) Naphthalene	8.20	128	1059955	42.024	ng		99
32) Benzoic acid	7.95	122	170191	35.685	ng		99
33) 4-Chloroaniline	8.25	127	334883	31.378	ng		96
34) Hexachlorobutadiene	8.32	225	222888	39.706	ng		98
35) Caprolactam	8.62	113	104953m	40.853	ng		
36) 4-Chloro-3-methylphenol	8.73	107	338400	42.294	ng		99
37) 2-Methylnaphthalene	8.89	142	725112	42.632	ng		99
38) 1-Methylnaphthalene	8.99	142	686799	41.837	ng		96
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	376646	40.369	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	380476	73.128	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	252426	42.606	ng		100
44) 2,4,5-Trichlorophenol	9.22	196	284739	42.848	ng		99
46) 1,1'-Biphenyl	9.36	154	911226	41.528	ng		98
47) 2-Chloronaphthalene	9.38	162	734021	41.136	ng		97
48) 2-Nitroaniline	9.47	65	211001	45.108	ng		88
49) Acenaphthylene	9.80	152	1131324	40.499	ng		99
50) Dimethylphthalate	9.66	163	874626	42.104	ng		99
51) 2,6-Dinitrotoluene	9.72	165	201042	45.111	ng		95
52) Acenaphthene	9.97	154	748997	45.369	ng		98
53) 3-Nitroaniline	9.88	138	165076	35.250	ng		96
54) 2,4-Dinitrophenol	9.99	184	183446	93.566	ng	#	3
55) Dibenzofuran	10.15	168	1032869	41.767	ng		99
56) 4-Nitrophenol	10.05	139	341498	92.099	ng		98
57) 2,4-Dinitrotoluene	10.12	165	272008	48.356	ng		97
58) Fluorene	10.49	166	784897	42.158	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	258552	44.274	ng		99
60) Diethylphthalate	10.36	149	836535	42.407	ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	411164	41.700	ng		99
62) 4-Nitroaniline	10.50	138	211739	46.332	ng		98
63) Azobenzene	10.63	77	788791	41.258	ng		99
65) 4,6-Dinitro-2-methylphenol	10.53	198	122350	45.203	ng		92
66) n-Nitrosodiphenylamine	10.59	169	719722	40.167	ng		100
67) 4-Bromophenyl-phenylether	10.96	248	274501	38.051	ng		97
68) Hexachlorobenzene	11.04	284	307954	38.846	ng		97
69) Atrazine	11.12	200	239540	41.096	ng		99
70) Pentachlorophenol	11.23	266	365511	81.434	ng		98
71) Phenanthrene	11.45	178	1231994	41.051	ng		100
72) Anthracene	11.50	178	1284253	42.376	ng		99
73) Carbazole	11.65	167	1167178	43.169	ng		100
74) Di-n-butylphthalate	11.98	149	1367234	42.988	ng		99
75) Fluoranthene	12.63	202	1390488	42.467	ng		99
77) Benzidine	12.74	184	506054	29.469	ng		97
78) Pyrene	12.86	202	1366224	33.898	ng		99
80) Butylbenzylphthalate	13.47	149	625843	39.466	ng		99
81) Benzo(a)anthracene	14.06	228	1337827	39.398	ng		100
82) 3,3'-Dichlorobenzidine	14.01	252	460942	37.035	ng		98
83) Chrysene	14.09	228	1325176	40.071	ng		99
84) Bis(2-ethylhexyl)phthalate	14.04	149	859690	42.610	ng		100
85) Di-n-octyl phthalate	14.67	149	1485213	47.030	ng		98
86) Indeno(1,2,3-cd)pyrene	17.06	276	1391036	44.406	ng		98
88) Benzo(b)fluoranthene	15.13	252	1542442	49.816	ng		99
89) Benzo(k)fluoranthene	15.16	252	1240727	46.585	ng		98
90) Benzo(a)pyrene	15.50	252	1327816	49.580	ng		99
91) Dibenzo(a,h)anthracene	17.08	278	1173846	46.692	ng		99
92) Benzo(g,h,i)perylene	17.52	276	1145422	45.147	ng		98

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

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