Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117829.D
Acq On : 18 Nov 2019 12:26
Operator : JU
Sample : PB124881BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB124881BSD

Manual Integrations APPROVED
mohammad
11/19/2019 2:35:26 PM

Quant Time: Nov 18 15:20:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	240380	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	977714	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	515211	20.00	ng		0.00
64) Phenanthrene-d10	11.46	188	969348	20.00	ng		0.00
76) Chrysene-d12	14.12	240	695227	20.00	ng		0.00
87) Perylene-d12	15.62	264	591035	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1673583	123.24	ng		0.01
7) Phenol-d6	6.55	99	2054265	125.42	ng		0.00
23) Nitrobenzene-d5	7.49	82	1093289	66.47	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	657529	120.55	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	2117359	73.73	ng		0.00
79) Terphenyl-d14	13.05	244	2339126	61.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	261933	41.264	ng		99
3) Pyridine	3.58	79	642223	38.569	ng		99
4) n-Nitrosodimethylamine	3.53	42	323465	44.501	ng		99
6) Aniline	6.58	93	710799	32.839	ng		99
8) 2-Chlorophenol	6.71	128	695529	47.201	ng		97
9) Benzaldehyde	6.47	77	346909	30.490	ng		98
10) Phenol	6.56	94	804060	47.240	ng		100
11) bis(2-Chloroethyl)ether	6.66	93	619970	45.358	ng		97
12) 1,3-Dichlorobenzene	6.86	146	770011	44.386	ng		98
13) 1,4-Dichlorobenzene	6.94	146	785557	44.798	ng		99
14) 1,2-Dichlorobenzene	7.09	146	740268	44.141	ng		100
15) Benzyl Alcohol	7.06	79	616640	48.762	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.19	45	889138	42.251	ng		99
17) 2-Methylphenol	7.17	107	587350	47.068	ng		98
18) Hexachloroethane	7.44	117	287250	44.592	ng		93
19) n-Nitroso-di-n-propylamine	7.33	70	457507	45.276	ng		99
20) 3+4-Methylphenols	7.32	107	722466	46.640	ng	#	86
22) Acetophenone	7.33	105	942516	42.907	ng		98
24) Nitrobenzene	7.50	77	741009	43.673	ng		100
25) Isophorone	7.75	82	1286146	42.665	ng		99
26) 2-Nitrophenol	7.82	139	392134	47.482	ng		99
27) 2,4-Dimethylphenol	7.85	122	660114	51.440	ng		99
28) bis(2-Chloroethoxy)methane	7.95	93	777365	40.637	ng		99
29) 2,4-Dichlorophenol	8.06	162	604292	43.412	ng		98
30) 1,2,4-Trichlorobenzene	8.15	180	662991	41.062	ng		99
31) Naphthalene	8.23	128	2016887	44.249	ng		99
32) Benzoic acid	7.97	122	502237	46.742	ng		98
33) 4-Chloroaniline	8.27	127	469081	22.988	ng		98
34) Hexachlorobutadiene	8.35	225	372322	39.440	ng		99
35) Caprolactam	8.64	113	197176m	44.570	ng		
36) 4-Chloro-3-methylphenol	8.76	107	629711	44.576	ng		100
37) 2-Methylnaphthalene	8.93	142	1369902	44.482	ng		98
38) 1-Methylnaphthalene	9.03	142	1294274	44.453	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	605131	40.444	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	724624	86.421 ng	99
43) 2,4,6-Trichlorophenol	9.20	196	453637	42.329 ng	98
44) 2,4,5-Trichlorophenol	9.24	196	477518	42.915 ng	98
46) 1,1'-Biphenyl	9.39	154	1622814	42.455 ng	98
47) 2-Chloronaphthalene	9.42	162	1296018	41.215 ng	99
48) 2-Nitroaniline	9.51	65	401762	42.320 ng	94
49) Acenaphthylene	9.83	152	2023612	44.140 ng	100
50) Dimethylphthalate	9.69	163	1483561	41.063 ng	99
51) 2,6-Dinitrotoluene	9.75	165	351211	44.479 ng	91
52) Acenaphthene	10.01	154	1371711	46.707 ng	97
53) 3-Nitroaniline	9.92	138	266369	28.192 ng	93
54) 2,4-Dinitrophenol	10.03	184	347169	85.067 ng	98
55) Dibenzofuran	10.18	168	1774437	43.632 ng	99
56) 4-Nitrophenol	10.08	139	647993	91.881 ng	92
57) 2,4-Dinitrotoluene	10.16	165	463866	46.182 ng	96
58) Fluorene	10.52	166	1341366	42.563 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.29	232	398412	43.578 ng	100
60) Diethylphthalate	10.39	149	1436133	40.772 ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	667321	41.725 ng	96
62) 4-Nitroaniline	10.54	138	376384	39.786 ng	98
63) Azobenzene	10.67	77	1356199	42.322 ng	98
65) 4,6-Dinitro-2-methylphenol	10.56	198	235505	52.042 ng	83
66) n-Nitrosodiphenylamine	10.63	169	1217038	43.141 ng	99
67) 4-Bromophenyl-phenylether	11.00	248	425978	40.728 ng	94
68) Hexachlorobenzene	11.07	284	493951	40.502 ng	96
69) Atrazine	11.16	200	421764	45.449 ng	99
70) Pentachlorophenol	11.27	266	601067	84.358 ng	99
71) Phenanthrene	11.49	178	2054360	42.153 ng	100
72) Anthracene	11.55	178	2110193	43.671 ng	99
73) Carbazole	11.69	167	1904418	45.102 ng	99
74) Di-n-butylphthalate	12.03	149	2116062	40.250 ng	99
75) Fluoranthene	12.68	202	2140776	48.887 ng	97
77) Benzidine	12.80	184	490629	21.545 ng	98
78) Pyrene	12.92	202	2177384	38.754 ng	99
80) Butylbenzylphthalate	13.53	149	922974	38.248 ng	94
81) Benzo(a)anthracene	14.10	228	1873378	40.777 ng	99
82) 3,3'-Dichlorobenzidine	14.06	252	575574	35.816 ng	98
83) Chrysene	14.14	228	1805839	40.565 ng	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	1167111	39.893 ng	100
85) Di-n-octyl phthalate	14.71	149	1896272	44.120 ng	100
86) Indeno(1,2,3-cd)pyrene	17.16	276	1529942	40.380 ng	100
88) Benzo(b)fluoranthene	15.17	252	1726657	44.965 ng	99
89) Benzo(k)fluoranthene	15.21	252	1572687	43.467 ng	98
90) Benzo(a)pyrene	15.56	252	1429363	42.331 ng	99
91) Dibenzo(a,h)anthracene	17.17	278	1274092	43.838 ng	98
92) Benzo(g,h,i)perylene	17.62	276	1286792	44.452 ng	99

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

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