Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
Data File : BF118382.D
Acq On : 30 Dec 2019 15:38
Operator : JU
Sample : PB125780BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125780BS

Manual Integrations APPROVED
mohammad
12/31/2019 12:03:57 PM

Quant Time: Dec 31 01:09:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	136135	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	560615	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	300186	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	559623	20.00	ng		0.00
76) Chrysene-d12	14.06	240	356799	20.00	ng		0.00
87) Perylene-d12	15.54	264	228946	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	902694	113.19	ng		0.02
7) Phenol-d6	6.50	99	1096816	110.86	ng		0.01
23) Nitrobenzene-d5	7.42	82	713960	72.84	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	383066	103.33	ng		0.01
45) 2-Fluorobiphenyl	9.22	172	1472978	74.90	ng		0.00
79) Terphenyl-d14	12.99	244	1681734	78.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	116679	36.803	ng		98
3) Pyridine	3.44	79	276963	32.789	ng		96
4) n-Nitrosodimethylamine	3.39	42	134930	38.636	ng		99
6) Aniline	6.52	93	331110	26.356	ng	#	85
8) 2-Chlorophenol	6.65	128	382517	42.349	ng		100
9) Benzaldehyde	6.40	77	81873	14.115	ng		98
10) Phenol	6.51	94	449252	40.401	ng		89
11) bis(2-Chloroethyl)ether	6.59	93	325629	40.947	ng		100
12) 1,3-Dichlorobenzene	6.79	146	405576	38.988	ng		99
13) 1,4-Dichlorobenzene	6.87	146	414519	39.231	ng		99
14) 1,2-Dichlorobenzene	7.02	146	390406	39.136	ng		98
15) Benzyl Alcohol	7.00	79	308562	40.963	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	336388	39.641	ng		86
17) 2-Methylphenol	7.12	107	303265	41.861	ng		96
18) Hexachloroethane	7.36	117	149740	38.614	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	242428	39.777	ng		98
20) 3+4-Methylphenols	7.27	107	384616	41.482	ng		96
22) Acetophenone	7.26	105	513497	37.372	ng	#	95
24) Nitrobenzene	7.44	77	370245	37.708	ng		100
25) Isophorone	7.68	82	675272	39.530	ng		99
26) 2-Nitrophenol	7.76	139	207348	39.869	ng		95
27) 2,4-Dimethylphenol	7.80	122	329633	46.455	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	417863	37.403	ng		99
29) 2,4-Dichlorophenol	8.00	162	325157	39.812	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	351776	36.975	ng		99
31) Naphthalene	8.16	128	1114430	39.111	ng		99
32) Benzoic acid	7.95	122	208516	36.360	ng		99
33) 4-Chloroaniline	8.22	127	248063	20.308	ng		97
34) Hexachlorobutadiene	8.27	225	205476	36.282	ng		97
35) Caprolactam	8.59	113	102662m	40.263	ng		
36) 4-Chloro-3-methylphenol	8.71	107	339114	38.673	ng		98
37) 2-Methylnaphthalene	8.86	142	766288	39.279	ng		100
38) 1-Methylnaphthalene	8.96	142	722905	39.331	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	334180	37.052	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	173845	49.639 ng	99
43) 2,4,6-Trichlorophenol	9.14	196	225344	37.398 ng	99
44) 2,4,5-Trichlorophenol	9.19	196	238019	38.400 ng	97
46) 1,1'-Biphenyl	9.32	154	909426	38.303 ng	99
47) 2-Chloronaphthalene	9.35	162	705632	36.926 ng	97
48) 2-Nitroaniline	9.45	65	192325	35.632 ng	96
49) Acenaphthylene	9.76	152	1119230	39.492 ng	100
50) Dimethylphthalate	9.62	163	839366	37.250 ng	99
51) 2,6-Dinitrotoluene	9.69	165	186524	38.395 ng	93
52) Acenaphthene	9.94	154	648344	37.557 ng	99
53) 3-Nitroaniline	9.86	138	139039	24.385 ng	93
54) 2,4-Dinitrophenol	9.98	184	166415	68.722 ng	97
55) Dibenzofuran	10.11	168	979412	38.397 ng	96
56) 4-Nitrophenol	10.04	139	252800	71.819 ng	92
57) 2,4-Dinitrotoluene	10.10	165	245890	37.880 ng	93
58) Fluorene	10.46	166	778840	37.824 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	201483	38.256 ng	97
60) Diethylphthalate	10.32	149	841899	37.767 ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	385236	37.478 ng	94
62) 4-Nitroaniline	10.49	138	185261	31.276 ng	98
63) Azobenzene	10.60	77	727570	38.104 ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	124300	41.173 ng	90
66) n-Nitrosodiphenylamine	10.56	169	688737	38.400 ng	99
67) 4-Bromophenyl-phenylether	10.93	248	239509	36.571 ng	92
68) Hexachlorobenzene	11.01	284	274247	35.575 ng	95
69) Atrazine	11.10	200	228364	41.254 ng	97
70) Pentachlorophenol	11.21	266	231544	69.353 ng	98
71) Phenanthrene	11.42	178	1145883	37.560 ng	100
72) Anthracene	11.47	178	1177973	38.576 ng	99
73) Carbazole	11.63	167	997632	36.818 ng	98
74) Di-n-butylphthalate	11.95	149	1312370	38.198 ng	99
75) Fluoranthene	12.62	202	1144296	37.166 ng	97
77) Benzidine	12.74	184	199911	20.448 ng	97
78) Pyrene	12.85	202	1145731	39.323 ng	100
80) Butylbenzylphthalate	13.46	149	520217	39.654 ng	97
81) Benzo(a)anthracene	14.04	228	939099	37.602 ng	97
82) 3,3'-Dichlorobenzidine	14.00	252	251966	29.756 ng	97
83) Chrysene	14.08	228	882464	36.902 ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	722967	41.910 ng	99
85) Di-n-octyl phthalate	14.63	149	1077186	42.451 ng	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	710934	34.891 ng	100
88) Benzo(b)fluoranthene	15.10	252	763175	50.217 ng	98
89) Benzo(k)fluoranthene	15.14	252	710433	48.686 ng	99
90) Benzo(a)pyrene	15.48	252	638534	47.696 ng	100
91) Dibenzo(a,h)anthracene	17.07	278	618634	53.249 ng	98
92) Benzo(g,h,i)perylene	17.52	276	598510	53.331 ng	100

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

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