Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
Data File : BF118182.D
Acq On : 13 Dec 2019 13:17
Operator : JU
Sample : PB125420BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125420BS

Manual Integrations APPROVED
mohammad
12/16/2019 12:25:10 PM

Quant Time: Dec 13 17:53:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	114105	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	456836	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	248921	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	471167	20.00	ng		0.00
76) Chrysene-d12	14.06	240	335109	20.00	ng		0.00
87) Perylene-d12	15.55	264	277772	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	725242	111.32	ng		0.02
7) Phenol-d6	6.50	99	879945	111.67	ng		0.00
23) Nitrobenzene-d5	7.43	82	591629	72.86	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	335360	110.90	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	1250664	76.45	ng		0.00
79) Terphenyl-d14	13.00	244	1529881	78.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	109005	39.682	ng		99
3) Pyridine	3.48	79	259362	36.596	ng		98
4) n-Nitrosodimethylamine	3.43	42	127230	41.730	ng		92
6) Aniline	6.53	93	329486	32.688	ng		99
8) 2-Chlorophenol	6.66	128	324449	44.167	ng		98
9) Benzaldehyde	6.42	77	216434	61.778	ng		93
10) Phenol	6.52	94	378170	42.082	ng		95
11) bis(2-Chloroethyl)ether	6.60	93	280969	43.230	ng		95
12) 1,3-Dichlorobenzene	6.81	146	352491	41.076	ng		97
13) 1,4-Dichlorobenzene	6.89	146	360758	41.749	ng		99
14) 1,2-Dichlorobenzene	7.04	146	341835	42.124	ng		98
15) Benzyl Alcohol	7.01	79	274210	44.579	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	313303	40.092	ng		93
17) 2-Methylphenol	7.13	107	258874	44.307	ng		98
18) Hexachloroethane	7.38	117	130093	40.858	ng		96
19) n-Nitroso-di-n-propylamine	7.28	70	206357	43.097	ng		97
20) 3+4-Methylphenols	7.28	107	327783	44.664	ng		98
22) Acetophenone	7.28	105	436376	39.760	ng	#	97
24) Nitrobenzene	7.45	77	320651	40.191	ng		97
25) Isophorone	7.69	82	572378	41.580	ng		99
26) 2-Nitrophenol	7.77	139	182168	42.720	ng		92
27) 2,4-Dimethylphenol	7.81	122	275697	48.470	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	353741	39.326	ng		98
29) 2,4-Dichlorophenol	8.02	162	275429	41.537	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	303226	39.129	ng		96
31) Naphthalene	8.18	128	959812	41.834	ng		99
32) Benzoic acid	7.94	122	202968	39.520	ng		98
33) 4-Chloroaniline	8.23	127	189959	19.175	ng		95
34) Hexachlorobutadiene	8.29	225	177565	38.212	ng		99
35) Caprolactam	8.60	113	87042m	42.565	ng		
36) 4-Chloro-3-methylphenol	8.72	107	294322	42.178	ng		99
37) 2-Methylnaphthalene	8.87	142	661694	42.600	ng		99
38) 1-Methylnaphthalene	8.97	142	613417	42.060	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	291785	38.694	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	319569	94.586	ng	97
43) 2,4,6-Trichlorophenol	9.15	196	199315	39.587	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	217824	41.759	ng	97
46) 1,1'-Biphenyl	9.34	154	783866	39.928	ng	98
47) 2-Chloronaphthalene	9.36	162	617407	39.096	ng	98
48) 2-Nitroaniline	9.46	65	173399	38.503	ng	92
49) Acenaphthylene	9.78	152	988465	42.437	ng	99
50) Dimethylphthalate	9.64	163	731313	39.775	ng	100
51) 2,6-Dinitrotoluene	9.70	165	163997	41.020	ng	93
52) Acenaphthene	9.95	154	567892	39.945	ng	96
53) 3-Nitroaniline	9.87	138	112373	23.884	ng	97
54) 2,4-Dinitrophenol	9.99	184	160143	80.512	ng	96
55) Dibenzofuran	10.13	168	864209	41.485	ng	97
56) 4-Nitrophenol	10.05	139	261504	80.087	ng	96
57) 2,4-Dinitrotoluene	10.11	165	222504	41.697	ng	98
58) Fluorene	10.47	166	684140	41.325	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	180972	42.052	ng	99
60) Diethylphthalate	10.34	149	740948	40.902	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	340582	40.888	ng	96
62) 4-Nitroaniline	10.49	138	171953	35.041	ng	99
63) Azobenzene	10.62	77	638040	41.259	ng	95
65) 4,6-Dinitro-2-methylphenol	10.52	198	113986	43.806	ng	94
66) n-Nitrosodiphenylamine	10.58	169	603695	41.029	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	211003	39.231	ng	94
68) Hexachlorobenzene	11.02	284	245949	38.851	ng	98
69) Atrazine	11.11	200	211713	62.459	ng	98
70) Pentachlorophenol	11.22	266	261159	87.723	ng	99
71) Phenanthrene	11.44	178	1007466	40.223	ng	100
72) Anthracene	11.49	178	1073086	42.948	ng	100
73) Carbazole	11.65	167	916638	40.889	ng	99
74) Di-n-butylphthalate	11.97	149	1171258	41.747	ng	99
75) Fluoranthene	12.63	202	1062313	41.484	ng	97
77) Benzidine	12.75	184	485225	55.003	ng	99
78) Pyrene	12.86	202	1071517	40.575	ng	99
80) Butylbenzylphthalate	13.47	149	488632	40.856	ng	94
81) Benzo(a)anthracene	14.05	228	916138	39.537	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	225214	29.594	ng	99
83) Chrysene	14.09	228	873984	39.486	ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	683724	43.355	ng	98
85) Di-n-octyl phthalate	14.65	149	1047060	43.830	ng	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	656613	35.256	ng	100
88) Benzo(b)fluoranthene	15.12	252	791154	43.066	ng	98
89) Benzo(k)fluoranthene	15.15	252	704474	39.917	ng	99
90) Benzo(a)pyrene	15.49	252	634119	39.083	ng	99
91) Dibenzo(a,h)anthracene	17.08	278	548062	39.383	ng	99
92) Benzo(g,h,i)perylene	17.52	276	519873	38.876	ng	97

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

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