Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
Data File : BF118179.D
Acq On : 13 Dec 2019 11:53
Operator : JU
Sample : PB125387BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125387BS

Manual Integrations APPROVED
mohammad
12/16/2019 12:25:04 PM

Quant Time: Dec 13 17:49:56 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	115726	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	474449	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	255675	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	478530	20.00	ng		0.00
76) Chrysene-d12	14.07	240	339238	20.00	ng		0.00
87) Perylene-d12	15.56	264	299873	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	706054	106.86	ng		0.02
7) Phenol-d6	6.50	99	850707	106.45	ng		0.00
23) Nitrobenzene-d5	7.44	82	581099	68.90	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	317243	102.14	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	1221070	72.67	ng		0.00
79) Terphenyl-d14	13.00	244	1463000	74.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	108180	38.830	ng		98
3) Pyridine	3.49	79	255155	35.498	ng		99
4) n-Nitrosodimethylamine	3.44	42	126784	41.001	ng		99
6) Aniline	6.53	93	308722	30.199	ng		99
8) 2-Chlorophenol	6.66	128	313566	42.087	ng		97
9) Benzaldehyde	6.42	77	213246	58.769	ng		99
10) Phenol	6.52	94	369356	40.526	ng		94
11) bis(2-Chloroethyl)ether	6.60	93	271121	41.130	ng		97
12) 1,3-Dichlorobenzene	6.81	146	345859	39.739	ng		98
13) 1,4-Dichlorobenzene	6.89	146	353317	40.315	ng		98
14) 1,2-Dichlorobenzene	7.04	146	334734	40.671	ng		96
15) Benzyl Alcohol	7.02	79	260682	41.786	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	313681	39.578	ng		99
17) 2-Methylphenol	7.13	107	248408	41.921	ng		99
18) Hexachloroethane	7.38	117	127271	39.411	ng		95
19) n-Nitroso-di-n-propylamine	7.28	70	206120	42.444	ng		96
20) 3+4-Methylphenols	7.28	107	311186	41.808	ng		98
22) Acetophenone	7.28	105	425217	37.305	ng	#	98
24) Nitrobenzene	7.46	77	314893	38.004	ng		96
25) Isophorone	7.69	82	560187	39.183	ng		98
26) 2-Nitrophenol	7.77	139	175352	39.595	ng		99
27) 2,4-Dimethylphenol	7.81	122	267543	45.290	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	343546	36.775	ng		99
29) 2,4-Dichlorophenol	8.02	162	268458	38.982	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	302123	37.540	ng		98
31) Naphthalene	8.18	128	933772	39.188	ng		100
32) Benzoic acid	7.94	122	192312	36.055	ng		97
33) 4-Chloroaniline	8.23	127	170571	16.579	ng		96
34) Hexachlorobutadiene	8.29	225	174960	36.253	ng		99
35) Caprolactam	8.60	113	82973m	39.069	ng		
36) 4-Chloro-3-methylphenol	8.72	107	282514	38.983	ng		100
37) 2-Methylnaphthalene	8.87	142	642080	39.803	ng		100
38) 1-Methylnaphthalene	8.97	142	609375	40.232	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	281135	36.297	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	318668	91.828	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	196371	37.972	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	209711	39.141	ng		94
46) 1,1'-Biphenyl	9.34	154	770049	38.188	ng		99
47) 2-Chloronaphthalene	9.36	162	600319	37.009	ng		97
48) 2-Nitroaniline	9.46	65	166106	35.909	ng		96
49) Acenaphthylene	9.78	152	951179	39.758	ng		99
50) Dimethylphthalate	9.64	163	701250	37.132	ng		99
51) 2,6-Dinitrotoluene	9.70	165	154964	37.736	ng		98
52) Acenaphthene	9.95	154	545969	37.388	ng		97
53) 3-Nitroaniline	9.87	138	102027	21.112	ng		96
54) 2,4-Dinitrophenol	9.99	184	153511	75.139	ng		98
55) Dibenzofuran	10.13	168	834752	39.013	ng		99
56) 4-Nitrophenol	10.05	139	247915	73.920	ng		97
57) 2,4-Dinitrotoluene	10.11	165	213670	38.983	ng		96
58) Fluorene	10.47	166	663860	39.041	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	175695	39.748	ng		98
60) Diethylphthalate	10.34	149	716108	38.486	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	326387	38.149	ng		96
62) 4-Nitroaniline	10.49	138	157303	31.209	ng		99
63) Azobenzene	10.62	77	617541	38.878	ng		97
65) 4,6-Dinitro-2-methylphenol	10.52	198	109319	41.366	ng		93
66) n-Nitrosodiphenylamine	10.58	169	580436	38.842	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	203818	37.312	ng	#	90
68) Hexachlorobenzene	11.02	284	236043	36.713	ng		99
69) Atrazine	11.11	200	201587	54.733	ng		98
70) Pentachlorophenol	11.22	266	251419	83.152	ng		99
71) Phenanthrene	11.44	178	989107	38.883	ng		99
72) Anthracene	11.49	178	1022020	40.274	ng		100
73) Carbazole	11.65	167	861622	37.843	ng		99
74) Di-n-butylphthalate	11.97	149	1137744	39.928	ng		99
75) Fluoranthene	12.63	202	1015329	39.039	ng		99
77) Benzidine	12.75	184	331758	37.149	ng		98
78) Pyrene	12.86	202	1028893	38.487	ng		99
80) Butylbenzylphthalate	13.47	149	476191	39.331	ng		98
81) Benzo(a)anthracene	14.06	228	892323	38.040	ng		99
82) 3,3'-Dichlorobenzidine	14.02	252	225510	29.272	ng		98
83) Chrysene	14.09	228	846956	37.799	ng		100
84) Bis(2-ethylhexyl)phthalate	14.03	149	668039	41.845	ng		100
85) Di-n-octyl phthalate	14.65	149	1036374	42.854	ng		100
86) Indeno(1,2,3-cd)pyrene	17.07	276	646925	34.313	ng		100
88) Benzo(b)fluoranthene	15.12	252	733846	37.002	ng		99
89) Benzo(k)fluoranthene	15.15	252	743820	39.040	ng		99
90) Benzo(a)pyrene	15.50	252	638524	36.454	ng		99
91) Dibenzo(a,h)anthracene	17.09	278	543631	36.185	ng		98
92) Benzo(g,h,i)perylene	17.53	276	520082	36.025	ng		99

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

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