Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\
Data File : BF117403.D
Acq On : 14 Oct 2019 17:26
Operator : JU
Sample : PB123882BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB123882BS

Manual Integrations APPROVED
mohammad
10/16/2019 8:10:29 AM

Quant Time: Oct 15 02:09:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 19:03:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	51351	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	218896	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	114060	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	185456	20.00	ng		0.00
76) Chrysene-d12	13.96	240	128739	20.00	ng		0.00
87) Perylene-d12	15.42	264	90408	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	390897	117.12	ng		0.01
7) Phenol-d6	6.44	99	516678	116.68	ng		0.00
23) Nitrobenzene-d5	7.36	82	268956	62.28	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	110258	118.77	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	487359	62.29	ng		0.00
79) Terphenyl-d14	12.90	244	457199	57.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	56383	41.038	ng		99
3) Pyridine	3.38	79	131336	37.562	ng		97
4) n-Nitrosodimethylamine	3.32	42	53394	43.334	ng	#	83
6) Aniline	6.46	93	147863	26.730	ng	#	82
8) 2-Chlorophenol	6.58	128	157048	42.325	ng		93
9) Benzaldehyde	6.35	77	81614	36.429	ng		99
10) Phenol	6.45	94	198328	41.486	ng		93
11) bis(2-Chloroethyl)ether	6.53	93	147773	40.657	ng		97
12) 1,3-Dichlorobenzene	6.73	146	162449	39.149	ng		98
13) 1,4-Dichlorobenzene	6.80	146	167054	39.494	ng		99
14) 1,2-Dichlorobenzene	6.96	146	156844	39.258	ng		98
15) Benzyl Alcohol	6.95	79	140973	41.611	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	145494	38.122	ng		74
17) 2-Methylphenol	7.06	107	134444	43.403	ng		94
18) Hexachloroethane	7.30	117	62074	37.745	ng		92
19) n-Nitroso-di-n-propylamine	7.20	70	118700	42.041	ng		96
20) 3+4-Methylphenols	7.21	107	175809	44.079	ng	#	87
22) Acetophenone	7.20	105	231016	40.219	ng		98
24) Nitrobenzene	7.37	77	176297	40.756	ng		98
25) Isophorone	7.62	82	319874	41.583	ng		98
26) 2-Nitrophenol	7.69	139	83902	43.717	ng		95
27) 2,4-Dimethylphenol	7.73	122	136926	46.943	ng		97
28) bis(2-Chloroethoxy)methane	7.82	93	190418	39.930	ng		100
29) 2,4-Dichlorophenol	7.94	162	129788	43.123	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	128296	39.542	ng		99
31) Naphthalene	8.09	128	453109	41.449	ng		99
32) Benzoic acid	7.90	122	81522	42.246	ng		90
33) 4-Chloroaniline	8.15	127	123528	26.608	ng		99
34) Hexachlorobutadiene	8.21	225	68566	36.898	ng		98
35) Caprolactam	8.53	113	46229m	49.049	ng		
36) 4-Chloro-3-methylphenol	8.65	107	148403	43.333	ng		97
37) 2-Methylnaphthalene	8.79	142	315744	42.773	ng		98
38) 1-Methylnaphthalene	8.89	142	298321	42.893	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	118331	38.548	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	54410	94.918	ng	92
43) 2,4,6-Trichlorophenol	9.07	196	80629	41.504	ng	98
44) 2,4,5-Trichlorophenol	9.12	196	89451	45.141	ng	94
46) 1,1'-Biphenyl	9.25	154	367939	39.487	ng	97
47) 2-Chloronaphthalene	9.27	162	289542	39.861	ng	99
48) 2-Nitroaniline	9.38	65	93047	40.148	ng	98
49) Acenaphthylene	9.69	152	443894	41.686	ng	98
50) Dimethylphthalate	9.55	163	328793	40.138	ng	99
51) 2,6-Dinitrotoluene	9.62	165	71621	41.597	ng	99
52) Acenaphthene	9.86	154	261132	40.357	ng	99
53) 3-Nitroaniline	9.79	138	53108	25.259	ng	93
54) 2,4-Dinitrophenol	9.92	184	60296	81.660	ng	95
55) Dibenzofuran	10.03	168	397029	42.063	ng	99
56) 4-Nitrophenol	9.97	139	78933	83.029	ng	85
57) 2,4-Dinitrotoluene	10.03	165	94851	41.750	ng	97
58) Fluorene	10.38	166	321471	40.904	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	65351	42.660	ng	98
60) Diethylphthalate	10.25	149	328084	39.734	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	142285	40.892	ng	98
62) 4-Nitroaniline	10.42	138	70446	35.247	ng	98
63) Azobenzene	10.53	77	348174	41.095	ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	45237	45.933	ng	94
66) n-Nitrosodiphenylamine	10.49	169	279953	40.408	ng	97
67) 4-Bromophenyl-phenylether	10.86	248	78544	38.613	ng	96
68) Hexachlorobenzene	10.93	284	83498	38.222	ng	93
69) Atrazine	11.02	200	80435	71.599	ng	98
70) Pentachlorophenol	11.13	266	64312	98.405	ng	92
71) Phenanthrene	11.35	178	440237	40.156	ng	98
72) Anthracene	11.39	178	463221	40.930	ng	100
73) Carbazole	11.55	167	419835	40.839	ng	100
74) Di-n-butylphthalate	11.87	149	516162	37.079	ng	99
75) Fluoranthene	12.53	202	440221	40.383	ng	99
77) Benzidine	12.65	184	118159	37.110	ng	99
78) Pyrene	12.76	202	446799	39.263	ng	98
80) Butylbenzylphthalate	13.37	149	204759	35.783	ng	98
81) Benzo(a)anthracene	13.95	228	351420	39.784	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	96993	34.729	ng	99
83) Chrysene	13.99	228	341027	39.149	ng	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	283817	35.177	ng	99
85) Di-n-octyl phthalate	14.54	149	472577	38.473	ng	100
86) Indeno(1,2,3-cd)pyrene	16.87	276	226938	37.258	ng	99
88) Benzo(b)fluoranthene	15.00	252	281917	50.089	ng	100
89) Benzo(k)fluoranthene	15.03	252	286594	51.238	ng	99
90) Benzo(a)pyrene	15.36	252	245645	49.287	ng	97
91) Dibenzo(a,h)anthracene	16.87	278	196974	46.122	ng	97
92) Benzo(g,h,i)perylene	17.30	276	185272	45.575	ng	98

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

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