Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090919\
Data File : BF116896.D
Acq On : 9 Sep 2019 15:04
Operator : HP/JU
Sample : PB122916BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122916BS

Manual Integrations APPROVED
mohammad
9/12/2019 9:27:53 AM

Quant Time: Sep 09 16:43:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 09 16:37:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	82725	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	364320	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	190581	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	312619	20.00	ng		0.00
76) Chrysene-d12	13.99	240	229184	20.00	ng		0.00
87) Perylene-d12	15.44	264	160048	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	556551	108.99	ng		0.01
7) Phenol-d6	6.47	99	714362	106.54	ng		0.00
23) Nitrobenzene-d5	7.40	82	410586	64.34	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	166010	130.30	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	753426	66.69	ng		0.00
79) Terphenyl-d14	12.93	244	743041	59.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	82383	34.950	ng		97
3) Pyridine	3.42	79	188772	27.659	ng		98
4) n-Nitrosodimethylamine	3.36	42	82888	35.367	ng		93
6) Aniline	6.50	93	255214	27.481	ng		98
8) 2-Chlorophenol	6.63	128	242965	43.587	ng		98
9) Benzaldehyde	6.38	77	111279	25.191	ng		95
10) Phenol	6.49	94	312563	42.097	ng		99
11) bis(2-Chloroethyl)ether	6.57	93	238259	41.212	ng		96
12) 1,3-Dichlorobenzene	6.78	146	238736	37.894	ng		97
13) 1,4-Dichlorobenzene	6.85	146	247527	39.464	ng		98
14) 1,2-Dichlorobenzene	7.01	146	234134	40.280	ng		99
15) Benzyl Alcohol	6.98	79	224529	41.253	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	224162	33.048	ng		97
17) 2-Methylphenol	7.09	107	204534	41.915	ng		99
18) Hexachloroethane	7.35	117	96113	39.441	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	177832	40.280	ng		96
20) 3+4-Methylphenols	7.25	107	255742	45.075	ng		96
22) Acetophenone	7.25	105	353695	40.325	ng	#	97
24) Nitrobenzene	7.42	77	266383	41.042	ng		97
25) Isophorone	7.66	82	497476	38.469	ng		98
26) 2-Nitrophenol	7.73	139	125035	51.816	ng		96
27) 2,4-Dimethylphenol	7.77	122	214931	44.103	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	299997	37.962	ng		99
29) 2,4-Dichlorophenol	7.98	162	200237	42.754	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	196142	38.611	ng		99
31) Naphthalene	8.14	128	696752	40.219	ng		99
32) Benzoic acid	7.90	122	140857	51.189	ng		96
33) 4-Chloroaniline	8.19	127	204256	25.902	ng		98
34) Hexachlorobutadiene	8.26	225	109711	39.610	ng		98
35) Caprolactam	8.55	113	65506m	37.373	ng		
36) 4-Chloro-3-methylphenol	8.67	107	236295	43.897	ng		99
37) 2-Methylnaphthalene	8.83	142	483949	41.986	ng		99
38) 1-Methylnaphthalene	8.93	142	443543	40.763	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	184836	40.458	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	155965	59.118 ng	99
43) 2,4,6-Trichlorophenol	9.11	196	134029	42.797 ng	99
44) 2,4,5-Trichlorophenol	9.15	196	146683	45.115 ng	95
46) 1,1'-Biphenyl	9.29	154	568176	39.289 ng	98
47) 2-Chloronaphthalene	9.32	162	445939	38.933 ng	98
48) 2-Nitroaniline	9.41	65	139785	42.213 ng	92
49) Acenaphthylene	9.73	152	694306	40.100 ng	100
50) Dimethylphthalate	9.59	163	521251	39.616 ng	100
51) 2,6-Dinitrotoluene	9.65	165	112604	44.855 ng	98
52) Acenaphthene	9.90	154	403927	37.968 ng	99
53) 3-Nitroaniline	9.82	138	97961	31.138 ng	97
54) 2,4-Dinitrophenol	9.93	184	95304	103.942 ng	92
55) Dibenzofuran	10.08	168	613071	40.879 ng	99
56) 4-Nitrophenol	10.00	139	194924	90.362 ng	90
57) 2,4-Dinitrotoluene	10.06	165	151129	49.234 ng	92
58) Fluorene	10.42	166	490572	42.930 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	112024	47.741 ng	99
60) Diethylphthalate	10.29	149	527868	40.051 ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	207371	41.441 ng	97
62) 4-Nitroaniline	10.44	138	130735	42.820 ng	98
63) Azobenzene	10.57	77	538276	39.167 ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	65527	55.529 ng	97
66) n-Nitrosodiphenylamine	10.53	169	430373	39.796 ng	100
67) 4-Bromophenyl-phenylether	10.90	248	124428	39.180 ng	98
68) Hexachlorobenzene	10.97	284	128718	38.739 ng	99
69) Atrazine	11.06	200	116182	38.358 ng	99
70) Pentachlorophenol	11.16	266	148612	92.458 ng	94
71) Phenanthrene	11.38	178	700651	40.262 ng	100
72) Anthracene	11.43	178	709359	40.493 ng	99
73) Carbazole	11.59	167	673798	40.379 ng	99
74) Di-n-butylphthalate	11.91	149	842665	39.391 ng	99
75) Fluoranthene	12.56	202	709787	41.503 ng	99
77) Benzidine	12.68	184	142650	15.869 ng	99
78) Pyrene	12.79	202	724586	35.566 ng	98
80) Butylbenzylphthalate	13.40	149	350698	35.398 ng	97
81) Benzo(a)anthracene	13.98	228	572149	39.445 ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	166668	34.001 ng	98
83) Chrysene	14.02	228	557683	37.319 ng	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	492484	40.269 ng	99
85) Di-n-octyl phthalate	14.57	149	809502	40.447 ng	99
86) Indeno(1,2,3-cd)pyrene	16.89	276	401828	33.477 ng	99
88) Benzo(b)fluoranthene	15.02	252	493107	50.960 ng	98
89) Benzo(k)fluoranthene	15.05	252	468696	53.125 ng	99
90) Benzo(a)pyrene	15.38	252	435936	51.783 ng	98
91) Dibenzo(a,h)anthracene	16.90	278	334180	45.351 ng	98
92) Benzo(g,h,i)perylene	17.33	276	325702	43.339 ng	99

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

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