Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
Data File : BF118001.D
Acq On : 26 Nov 2019 12:34
Operator : JU
Sample : PB125061BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125061BS

Manual Integrations APPROVED
jagrut
11/27/2019 11:33:28 PM

Quant Time: Nov 27 03:52:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 05:38:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	147966	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	632689	20.00	ng		0.00
39) Acenaphthene-d10	9.95	164	413560	20.00	ng		0.00
64) Phenanthrene-d10	11.44	188	756952	20.00	ng		0.00
76) Chrysene-d12	14.09	240	428851	20.00	ng		0.00
87) Perylene-d12	15.59	264	453177	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1114631	133.34	ng		0.02
7) Phenol-d6	6.53	99	1204220	119.44	ng		0.00
23) Nitrobenzene-d5	7.46	82	651742	61.24	ng		0.00
42) 2,4,6-Tribromophenol	10.75	330	475405	108.58	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1541701	66.88	ng		0.00
79) Terphenyl-d14	13.03	244	1467711	62.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	129109	33.042	ng		96
3) Pyridine	3.50	79	347565	33.910	ng		96
4) n-Nitrosodimethylamine	3.45	42	187179	41.835	ng		94
6) Aniline	6.56	93	465852	34.964	ng		100
8) 2-Chlorophenol	6.68	128	399447	44.038	ng		99
9) Benzaldehyde	6.44	77	185422	25.346	ng		98
10) Phenol	6.54	94	455299m	43.456	ng		
11) bis(2-Chloroethyl)ether	6.63	93	345142	41.022	ng		98
12) 1,3-Dichlorobenzene	6.83	146	415188	38.880	ng		97
13) 1,4-Dichlorobenzene	6.91	146	432558	40.074	ng		98
14) 1,2-Dichlorobenzene	7.06	146	412139	39.924	ng		99
15) Benzyl Alcohol	7.03	79	356562	45.806	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	439360	33.918	ng		95
17) 2-Methylphenol	7.15	107	342117	44.539	ng		98
18) Hexachloroethane	7.41	117	156149	39.380	ng		98
19) n-Nitroso-di-n-propylamine	7.31	70	263083	42.296	ng		96
20) 3+4-Methylphenols	7.30	107	413446	43.361	ng	#	81
22) Acetophenone	7.30	105	546416	38.440	ng		95
24) Nitrobenzene	7.48	77	425432	38.747	ng		98
25) Isophorone	7.72	82	761630	39.043	ng		99
26) 2-Nitrophenol	7.79	139	236474	44.249	ng		92
27) 2,4-Dimethylphenol	7.83	122	368826	44.414	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	456283	36.860	ng		99
29) 2,4-Dichlorophenol	8.04	162	359068	39.862	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	387770	37.113	ng		99
31) Naphthalene	8.20	128	1213709	41.149	ng		99
32) Benzoic acid	7.97	122	260876	37.519	ng		96
33) 4-Chloroaniline	8.25	127	355140	26.895	ng		98
34) Hexachlorobutadiene	8.32	225	225082	36.846	ng		99
35) Caprolactam	8.63	113	135395m	47.295	ng		
36) 4-Chloro-3-methylphenol	8.73	107	455108	49.784	ng		94
37) 2-Methylnaphthalene	8.90	142	991354	49.744	ng		99
38) 1-Methylnaphthalene	9.00	142	923428	49.012	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	432791	36.035	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	536734	79.746	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	317825	36.946	ng	98
44) 2,4,5-Trichlorophenol	9.22	196	352454	39.461	ng	99
46) 1,1'-Biphenyl	9.36	154	1192313	38.860	ng	99
47) 2-Chloronaphthalene	9.39	162	928860	36.800	ng	99
48) 2-Nitroaniline	9.49	65	272476	35.756	ng	91
49) Acenaphthylene	9.81	152	1460900	39.698	ng	99
50) Dimethylphthalate	9.67	163	1120507	38.637	ng	99
51) 2,6-Dinitrotoluene	9.73	165	256960	40.542	ng	94
52) Acenaphthene	9.98	154	859929	36.478	ng	99
53) 3-Nitroaniline	9.90	138	210254	27.723	ng	97
54) 2,4-Dinitrophenol	10.01	184	257093	79.039	ng	90
55) Dibenzofuran	10.16	168	1271025	38.936	ng	99
56) 4-Nitrophenol	10.07	139	420219	74.230	ng	91
57) 2,4-Dinitrotoluene	10.14	165	338861	42.029	ng	91
58) Fluorene	10.50	166	952707	37.661	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	274675	37.428	ng	97
60) Diethylphthalate	10.37	149	1086304	38.421	ng	99
61) 4-Chlorophenyl-phenylether	10.49	204	477978	37.232	ng	96
62) 4-Nitroaniline	10.52	138	267128	35.178	ng	99
63) Azobenzene	10.65	77	960938	37.358	ng	95
65) 4,6-Dinitro-2-methylphenol	10.55	198	168836	47.779	ng	97
66) n-Nitrosodiphenylamine	10.61	169	880739	39.980	ng	99
67) 4-Bromophenyl-phenylether	10.98	248	310685	38.040	ng	95
68) Hexachlorobenzene	11.05	284	359348	37.732	ng	97
69) Atrazine	11.14	200	312123	43.071	ng	99
70) Pentachlorophenol	11.25	266	387653	69.672	ng	100
71) Phenanthrene	11.47	178	1468492	38.587	ng	99
72) Anthracene	11.52	178	1339825	35.508	ng	99
73) Carbazole	11.67	167	1311183	39.765	ng	100
74) Di-n-butylphthalate	12.00	149	1607622	39.159	ng	99
75) Fluoranthene	12.66	202	1240504	33.947	ng	99
77) Benzidine	12.77	184	551224	39.240	ng	99
78) Pyrene	12.89	202	1246855	35.976	ng	100
80) Butylbenzylphthalate	13.50	149	559137	37.562	ng	98
81) Benzo(a)anthracene	14.08	228	1074191	37.905	ng	99
82) 3,3'-Dichlorobenzidine	14.04	252	299141	30.177	ng	99
83) Chrysene	14.12	228	993912	36.194	ng	98
84) Bis(2-ethylhexyl)phthalate	14.06	149	749772	41.546	ng	98
85) Di-n-octyl phthalate	14.68	149	1385845	52.272	ng	97
86) Indeno(1,2,3-cd)pyrene	17.12	276	1138891	48.730	ng	99
88) Benzo(b)fluoranthene	15.15	252	1110518	37.717	ng	98
89) Benzo(k)fluoranthene	15.18	252	1096857	39.538	ng	98
90) Benzo(a)pyrene	15.53	252	973072	37.584	ng	98
91) Dibenzo(a,h)anthracene	17.14	278	949211	42.595	ng	99
92) Benzo(g,h,i)perylene	17.59	276	930960	41.943	ng	100

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

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