Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116063.D
Acq On : 8 Aug 2019 12:36
Operator : HP/JU
Sample : PB122055BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122055BS

Manual Integrations APPROVED
mohammad
8/14/2019 9:21:17 AM

Quant Time: Aug 09 15:25:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	141121	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	574509	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	304976	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	533657	20.00	ng		0.00
76) Chrysene-d12	14.00	240	384893	20.00	ng		0.00
87) Perylene-d12	15.46	264	314396	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	885864	105.09	ng		0.00
7) Phenol-d6	6.48	99	1127283	105.99	ng		0.00
23) Nitrobenzene-d5	7.40	82	721496	72.49	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	322020	108.91	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1259136	77.33	ng		-0.01
79) Terphenyl-d14	12.94	244	1460851	79.98	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	161304	37.877	ng		99
3) Pyridine	3.45	79	349136	29.348	ng		99
4) n-Nitrosodimethylamine	3.39	42	158889	33.844	ng		99
6) Aniline	6.50	93	419521	27.543	ng		97
8) 2-Chlorophenol	6.63	128	363706	39.017	ng		97
9) Benzaldehyde	6.39	77	111008	15.127	ng		98
10) Phenol	6.49	94	461993	36.887	ng		88
11) bis(2-Chloroethyl)ether	6.57	93	349686	37.975	ng		98
12) 1,3-Dichlorobenzene	6.78	146	385595	35.792	ng		98
13) 1,4-Dichlorobenzene	6.86	146	391904	36.332	ng		98
14) 1,2-Dichlorobenzene	7.01	146	364495	36.698	ng		99
15) Benzyl Alcohol	6.99	79	304178	37.686	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	463765	36.924	ng		97
17) 2-Methylphenol	7.10	107	307627	38.974	ng		98
18) Hexachloroethane	7.35	117	143374	36.101	ng		93
19) n-Nitroso-di-n-propylamine	7.25	70	250636	38.029	ng		97
20) 3+4-Methylphenols	7.25	107	371854	39.811	ng		97
22) Acetophenone	7.25	105	498386	39.555	ng	#	98
24) Nitrobenzene	7.42	77	400086	37.229	ng		99
25) Isophorone	7.66	82	741255	38.949	ng		100
26) 2-Nitrophenol	7.74	139	200176	39.515	ng		95
27) 2,4-Dimethylphenol	7.77	122	329692	43.258	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	451527	38.278	ng		99
29) 2,4-Dichlorophenol	7.98	162	318493	39.578	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	338612	36.914	ng		98
31) Naphthalene	8.14	128	1053160	38.955	ng		99
32) Benzoic acid	7.93	122	192954	35.909	ng		96
33) 4-Chloroaniline	8.19	127	297340	24.615	ng		98
34) Hexachlorobutadiene	8.26	225	190495	36.054	ng		98
35) Caprolactam	8.56	113	97670m	37.527	ng		
36) 4-Chloro-3-methylphenol	8.68	107	334010	39.898	ng		96
37) 2-Methylnaphthalene	8.83	142	701272	39.386	ng		99
38) 1-Methylnaphthalene	8.93	142	662428	39.327	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	323406	39.666	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	140224	41.396 ng	99
43) 2,4,6-Trichlorophenol	9.12	196	210186	37.453 ng	100
44) 2,4,5-Trichlorophenol	9.16	196	225240	38.827 ng	99
46) 1,1'-Biphenyl	9.30	154	857307	39.817 ng	97
47) 2-Chloronaphthalene	9.32	162	670793	37.432 ng	99
48) 2-Nitroaniline	9.42	65	212817	35.929 ng	97
49) Acenaphthylene	9.73	152	1030075	39.400 ng	99
50) Dimethylphthalate	9.60	163	809403	38.978 ng	99
51) 2,6-Dinitrotoluene	9.66	165	178870	39.637 ng	99
52) Acenaphthene	9.91	154	616852	38.459 ng	100
53) 3-Nitroaniline	9.83	138	146167	26.214 ng	96
54) 2,4-Dinitrophenol	9.95	184	151881	67.523 ng	94
55) Dibenzofuran	10.08	168	908054	38.931 ng	100
56) 4-Nitrophenol	10.00	139	243784	68.249 ng	96
57) 2,4-Dinitrotoluene	10.07	165	232172	38.642 ng	99
58) Fluorene	10.42	166	709412	39.531 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	189640	38.856 ng	99
60) Diethylphthalate	10.29	149	780347	40.251 ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	358544	39.450 ng	97
62) 4-Nitroaniline	10.45	138	194352	33.727 ng	99
63) Azobenzene	10.57	77	790573	39.646 ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	115083	40.694 ng	99
66) n-Nitrosodiphenylamine	10.53	169	641689	39.949 ng	99
67) 4-Bromophenyl-phenylether	10.90	248	220932	38.673 ng	94
68) Hexachlorobenzene	10.98	284	249030	37.698 ng	93
69) Atrazine	11.06	200	200000	37.848 ng	98
70) Pentachlorophenol	11.17	266	232406	72.465 ng	98
71) Phenanthrene	11.39	178	1056223	38.715 ng	100
72) Anthracene	11.44	178	1091880	39.546 ng	99
73) Carbazole	11.59	167	994072	39.685 ng	99
74) Di-n-butylphthalate	11.92	149	1208483	41.356 ng	99
75) Fluoranthene	12.57	202	1125730	39.415 ng	98
77) Benzidine	12.69	184	318442	24.489 ng	98
78) Pyrene	12.80	202	1136326	39.165 ng	100
80) Butylbenzylphthalate	13.41	149	513832	41.867 ng	96
81) Benzo(a)anthracene	13.99	228	956848	38.895 ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	301854	35.318 ng	99
83) Chrysene	14.03	228	938112	39.278 ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	708420	44.419 ng	99
85) Di-n-octyl phthalate	14.58	149	1130651	44.633 ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	794942	39.629 ng	100
88) Benzo(b)fluoranthene	15.04	252	837441	46.067 ng	99
89) Benzo(k)fluoranthene	15.07	252	840332	47.459 ng	99
90) Benzo(a)pyrene	15.40	252	777874	47.868 ng	99
91) Dibenzo(a,h)anthracene	16.94	278	671947	47.769 ng	99
92) Benzo(g,h,i)perylene	17.37	276	659854	47.765 ng	98

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

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