Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116614.D
Acq On : 28 Aug 2019 14:51
Operator : HP/JU
Sample : PB122569BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122569BS

Manual Integrations APPROVED
Jagrut
8/29/2019 7:46:50 PM

Quant Time: Aug 29 01:25:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 13:34:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	98218	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	408389	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	219208	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	385566	20.00	ng	0.00
76) Chrysene-d12	14.01	240	282484	20.00	ng	0.00
87) Perylene-d12	15.46	264	225822	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	688070	121.00	ng	0.01
7) Phenol-d6	6.49	99	884261	114.70	ng	0.00
23) Nitrobenzene-d5	7.42	82	451329	63.24	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	205032	98.29	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	849702	64.51	ng	0.00
79) Terphenyl-d14	12.96	244	902818	51.98	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.73	88	126248	47.726	ng	99
3) Pyridine	3.47	79	303224	40.823	ng	100
4) n-Nitrosodimethylamine	3.42	42	132374	47.263	ng	99
6) Aniline	6.53	93	373913	36.004	ng	97
8) 2-Chlorophenol	6.65	128	303969	47.435	ng	98
9) Benzaldehyde	6.41	77	225428	53.093	ng	96
10) Phenol	6.50	94	402267	47.569	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	286532	45.591	ng	98
12) 1,3-Dichlorobenzene	6.80	146	287474	37.870	ng	97
13) 1,4-Dichlorobenzene	6.88	146	293078	38.640	ng	99
14) 1,2-Dichlorobenzene	7.03	146	275432	38.425	ng	99
15) Benzyl Alcohol	7.00	79	248461	41.428	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	305592	35.850	ng	99
17) 2-Methylphenol	7.11	107	233280	40.655	ng	97
18) Hexachloroethane	7.38	117	105767	37.766	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	192338	39.231	ng	98
20) 3+4-Methylphenols	7.26	107	289716	41.562	ng	97
22) Acetophenone	7.27	105	389830	40.642	ng	96
24) Nitrobenzene	7.44	77	300445	41.514	ng	96
25) Isophorone	7.68	82	531964	40.943	ng	99
26) 2-Nitrophenol	7.76	139	143360	41.217	ng	94
27) 2,4-Dimethylphenol	7.80	122	248068	45.547	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	320311	37.954	ng	99
29) 2,4-Dichlorophenol	8.00	162	228508	40.143	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	250185	38.260	ng	97
31) Naphthalene	8.17	128	801357	40.964	ng	100
32) Benzoic acid	7.90	122	172859	37.139	ng	98
33) 4-Chloroaniline	8.21	127	204742	23.747	ng	99
34) Hexachlorobutadiene	8.29	225	134946	37.039	ng	98
35) Caprolactam	8.57	113	70996m	41.770	ng	
36) 4-Chloro-3-methylphenol	8.69	107	254456	44.377	ng	99
37) 2-Methylnaphthalene	8.86	142	532364	43.575	ng	97
38) 1-Methylnaphthalene	8.96	142	495275	41.510	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	228028	37.915	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	283434	81.384	ng		96
43) 2,4,6-Trichlorophenol	9.13	196	165452	39.171	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	169092	39.803	ng	#	93
46) 1,1'-Biphenyl	9.32	154	655908	39.417	ng		99
47) 2-Chloronaphthalene	9.35	162	507268	39.105	ng		97
48) 2-Nitroaniline	9.43	65	157663	38.429	ng		92
49) Acenaphthylene	9.76	152	785807	41.243	ng		99
50) Dimethylphthalate	9.62	163	580677	39.402	ng		99
51) 2,6-Dinitrotoluene	9.67	165	132675	40.827	ng	#	86
52) Acenaphthene	9.93	154	542806	42.075	ng		98
53) 3-Nitroaniline	9.84	138	99043	25.525	ng		95
54) 2,4-Dinitrophenol	9.95	184	120456	74.806	ng	#	46
55) Dibenzofuran	10.10	168	709152	40.819	ng		99
56) 4-Nitrophenol	10.00	139	226474	76.776	ng		94
57) 2,4-Dinitrotoluene	10.08	165	178042	41.521	ng		97
58) Fluorene	10.45	166	534478	40.537	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	142052	40.623	ng		97
60) Diethylphthalate	10.32	149	559720	38.910	ng		98
61) 4-Chlorophenyl-phenylether	10.44	204	258031	39.038	ng		99
62) 4-Nitroaniline	10.46	138	143105	37.906	ng		95
63) Azobenzene	10.60	77	576433	39.695	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	86516	42.062	ng		99
66) n-Nitrosodiphenylamine	10.56	169	483299	39.598	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	153005	37.412	ng		96
68) Hexachlorobenzene	11.00	284	168158	36.932	ng		96
69) Atrazine	11.08	200	140304	38.823	ng		99
70) Pentachlorophenol	11.19	266	204498	73.096	ng		98
71) Phenanthrene	11.40	178	817588	39.479	ng		99
72) Anthracene	11.46	178	832721	40.214	ng		99
73) Carbazole	11.60	167	733853	41.640	ng		99
74) Di-n-butylphthalate	11.94	149	868739	42.536	ng		99
75) Fluoranthene	12.59	202	830373	44.708	ng		98
77) Benzidine	12.70	184	373823	36.581	ng		100
78) Pyrene	12.82	202	837654	32.248	ng		100
80) Butylbenzylphthalate	13.43	149	352301	35.005	ng		99
81) Benzo(a)anthracene	14.00	228	698234	37.074	ng		100
82) 3,3'-Dichlorobenzidine	13.96	252	167397	27.314	ng	#	98
83) Chrysene	14.04	228	738119	40.034	ng		100
84) Bis(2-ethylhexyl)phthalate	13.99	149	470175	39.838	ng		99
85) Di-n-octyl phthalate	14.60	149	741823	43.094	ng		99
86) Indeno(1,2,3-cd)pyrene	16.92	276	457686	31.321	ng		99
88) Benzo(b)fluoranthene	15.04	252	618699	44.614	ng		98
89) Benzo(k)fluoranthene	15.07	252	562703	42.687	ng		99
90) Benzo(a)pyrene	15.40	252	523814	42.322	ng		99
91) Dibenzo(a,h)anthracene	16.93	278	381662	33.049	ng		98
92) Benzo(g,h,i)perylene	17.36	276	379695	31.619	ng		98

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

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