Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112028.D
Acq On : 11 Jan 2019 21:06
Operator : JU/SJ
Sample : K1088-09MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CPSB-07(15-20)MSD

Manual Integrations APPROVED
Sohil
1/14/2019 4:10:32 PM

Quant Time: Jan 12 01:03:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 11 21:37:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	107563	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	364868	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	159773	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	283364	20.00	ng		0.00
76) Chrysene-d12	14.06	240	186384	20.00	ng		0.02
87) Perylene-d12	15.54	264	154755	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	743197	118.21	ng		0.01
7) Phenol-d6	6.53	99	883180	108.99	ng		0.01
23) Nitrobenzene-d5	7.44	82	509821	74.68	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	215060	103.49	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	876409	79.99	ng		0.00
79) Terphenyl-d14	13.02	244	830621	84.59	ng		0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	100552	36.576	ng		98
3) Pyridine	3.43	79	283258	39.753	ng		97
4) n-Nitrosodimethylamine	3.36	42	170110	47.983	ng		98
6) Aniline	6.55	93	88592	9.042	ng	#	1
8) 2-Chlorophenol	6.67	128	270995	38.817	ng		97
9) Benzaldehyde	6.42	77	96078	17.072	ng		100
10) Phenol	6.54	94	353115	40.093	ng		82
11) bis(2-Chloroethyl)ether	6.61	93	260366	38.212	ng		93
12) 1,3-Dichlorobenzene	6.82	146	300271	37.101	ng		97
13) 1,4-Dichlorobenzene	6.89	146	303554	36.961	ng		98
14) 1,2-Dichlorobenzene	7.05	146	285069	36.311	ng		97
15) Benzyl Alcohol	7.02	79	242727	37.857	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	385553	33.188	ng		82
17) 2-Methylphenol	7.15	107	210805	37.570	ng	#	91
18) Hexachloroethane	7.39	117	73854	25.755	ng		98
19) n-Nitroso-di-n-propylamine	7.29	70	191696	36.408	ng		98
20) 3+4-Methylphenols	7.29	107	278934	39.944	ng	#	72
22) Acetophenone	7.28	105	375881	40.692	ng	#	91
24) Nitrobenzene	7.46	77	271395	39.298	ng		99
25) Isophorone	7.70	82	489558	44.284	ng		98
26) 2-Nitrophenol	7.77	139	122672	36.076	ng		96
27) 2,4-Dimethylphenol	7.82	122	226625	46.094	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	309106	41.890	ng	#	89
29) 2,4-Dichlorophenol	8.03	162	218233	38.601	ng		96
30) 1,2,4-Trichlorobenzene	8.10	180	235588	37.773	ng		99
31) Naphthalene	8.18	128	810002	46.766	ng		100
32) Benzoic acid	7.91	122	25478	7.985	ng		96
33) 4-Chloroaniline	8.23	127	85742	11.452	ng		98
34) Hexachlorobutadiene	8.30	225	145833	37.560	ng		97
35) Caprolactam	8.59	113	65617m	35.524	ng		
36) 4-Chloro-3-methylphenol	8.72	107	202000	35.936	ng		99
37) 2-Methylnaphthalene	8.87	142	511001	47.613	ng		100
38) 1-Methylnaphthalene	8.97	142	473676	46.015	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	215499	42.308	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.16	196	142050	41.116	ng		100
44) 2,4,5-Trichlorophenol	9.20	196	143236	39.571	ng		97
46) 1,1'-Biphenyl	9.33	154	575693	43.075	ng		99
47) 2-Chloronaphthalene	9.36	162	421021	40.139	ng		99
48) 2-Nitroaniline	9.46	65	139600	43.531	ng		90
49) Acenaphthylene	9.78	152	755792	48.738	ng		98
50) Dimethylphthalate	9.63	163	585962	48.821	ng		98
51) 2,6-Dinitrotoluene	9.69	165	100074	37.286	ng		92
52) Acenaphthene	9.95	154	480064	48.020	ng		99
53) 3-Nitroaniline	9.86	138	72458	25.209	ng		94
54) 2,4-Dinitrophenol	9.97	184	2043	1.798	ng	#	1
55) Dibenzofuran	10.12	168	642415	44.185	ng		98
56) 4-Nitrophenol	10.05	139	153358	75.512	ng		97
57) 2,4-Dinitrotoluene	10.10	165	126654	36.520	ng	#	92
58) Fluorene	10.47	166	522879	49.425	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	118504	38.856	ng	#	97
60) Diethylphthalate	10.33	149	467264	40.229	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	217526	36.667	ng		95
62) 4-Nitroaniline	10.47	138	94738	34.750	ng		95
63) Azobenzene	10.62	77	414168	37.327	ng		93
65) 4,6-Dinitro-2-methylphenol	10.52	198	4399	2.516	ng	#	1
66) n-Nitrosodiphenylamine	10.57	169	398275	41.884	ng		98
67) 4-Bromophenyl-phenylether	10.95	248	135464	36.909	ng		99
68) Hexachlorobenzene	11.02	284	146623	36.047	ng	#	93
69) Atrazine	11.10	200	130752	39.136	ng		98
70) Pentachlorophenol	11.22	266	137721	59.500	ng		99
71) Phenanthrene	11.43	178	1322719	87.308	ng		99
72) Anthracene	11.49	178	763562	49.648	ng		98
73) Carbazole	11.64	167	579479	38.736	ng		99
74) Di-n-butylphthalate	11.96	149	696365	40.075	ng		99
75) Fluoranthene	12.64	202	1040827	66.922	ng		96
77) Benzidine	12.79	184	136047	24.428	ng	#	95
78) Pyrene	12.87	202	867742	67.663	ng		99
80) Butylbenzylphthalate	13.47	149	275529	50.819	ng		92
81) Benzo(a)anthracene	14.06	228	581582	54.218	ng		96
82) 3,3'-Dichlorobenzidine	14.01	252	43532	10.993	ng	#	91
83) Chrysene	14.09	228	518907	50.736	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	472410	66.347	ng		99
85) Di-n-octyl phthalate	14.64	149	524897	51.512	ng		98
86) Indeno(1,2,3-cd)pyrene	17.06	276	485265	65.081	ng		99
88) Benzo(b)fluoranthene	15.12	252	464394	50.165	ng	#	89
89) Benzo(k)fluoranthene	15.14	252	372010	42.751	ng	#	91
90) Benzo(a)pyrene	15.49	252	430118	52.842	ng	#	94
91) Dibenzo(a,h)anthracene	17.06	278	368996	56.363	ng		98
92) Benzo(g,h,i)perylene	17.51	276	357661	55.856	ng		100

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

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