Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115197.D
Acq On : 25 Jun 2019 19:44
Operator : HP/JU
Sample : K3447-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SIDEWALL-1MSD

Manual Integrations APPROVED
mohammad
6/26/2019 2:03:41 PM

Quant Time: Jun 26 07:16:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	271923	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	971712	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	398736	20.00	ng		-0.01
64) Phenanthrene-d10	11.11	188	675345	20.00	ng		-0.01
76) Chrysene-d12	13.73	240	575485	20.00	ng		-0.02
87) Perylene-d12	15.09	264	707184	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1830240	103.87	ng		0.01
7) Phenol-d6	6.25	99	2245209	104.98	ng		0.00
23) Nitrobenzene-d5	7.18	82	1374737	87.03	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	468627	111.45	ng		-0.01
45) 2-Fluorobiphenyl	8.97	172	2163448	92.16	ng		-0.01
79) Terphenyl-d14	12.69	244	1949400	72.02	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	237583	28.569	ng		98
3) Pyridine	2.91	79	610053	26.027	ng		98
4) n-Nitrosodimethylamine	2.85	42	278231	30.279	ng		95
6) Aniline	6.27	93	366374	12.464	ng	#	1
8) 2-Chlorophenol	6.40	128	651629	32.887	ng		98
9) Benzaldehyde	6.15	77	449488	32.213	ng		98
10) Phenol	6.27	94	762816	30.448	ng		98
11) bis(2-Chloroethyl)ether	6.35	93	604113	32.712	ng		99
12) 1,3-Dichlorobenzene	6.55	146	715037	32.517	ng		99
13) 1,4-Dichlorobenzene	6.63	146	726472	32.945	ng		99
14) 1,2-Dichlorobenzene	6.78	146	671700	32.893	ng		99
15) Benzyl Alcohol	6.75	79	463062	29.733	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	833939	31.135	ng		95
17) 2-Methylphenol	6.88	107	555036	33.937	ng		98
18) Hexachloroethane	7.12	117	256456	32.260	ng		96
19) n-Nitroso-di-n-propylamine	7.04	70	408019	29.798	ng		99
20) 3+4-Methylphenols	7.03	107	610269	32.315	ng	#	84
22) Acetophenone	7.02	105	849145	38.171	ng	#	97
24) Nitrobenzene	7.20	77	643618	36.984	ng		96
25) Isophorone	7.44	82	1108854	34.267	ng		100
26) 2-Nitrophenol	7.51	139	346887	40.364	ng		96
27) 2,4-Dimethylphenol	7.55	122	547555	38.914	ng		98
28) bis(2-Chloroethoxy)methane	7.65	93	719117	35.160	ng		99
29) 2,4-Dichlorophenol	7.75	162	510520	35.157	ng		99
30) 1,2,4-Trichlorobenzene	7.84	180	593605	37.008	ng		99
31) Naphthalene	7.91	128	1795563	37.644	ng		100
32) Benzoic acid	7.61	122	126853m	12.630	ng		
33) 4-Chloroaniline	7.96	127	255944	11.741	ng		99
34) Hexachlorobutadiene	8.04	225	327029	37.205	ng		98
35) Caprolactam	8.32	113	132044m	27.046	ng		
36) 4-Chloro-3-methylphenol	8.45	107	480188	32.653	ng		100
37) 2-Methylnaphthalene	8.61	142	1149647	35.746	ng		97
38) 1-Methylnaphthalene	8.70	142	1076350	35.042	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	490715	43.551	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	482046	72.149	ng		100
43) 2,4,6-Trichlorophenol	8.88	196	320139	36.802	ng		99
44) 2,4,5-Trichlorophenol	8.92	196	335466	37.448	ng		99
46) 1,1'-Biphenyl	9.07	154	1309423	41.042	ng		99
47) 2-Chloronaphthalene	9.09	162	1025083	39.610	ng		99
48) 2-Nitroaniline	9.18	65	274316	36.358	ng		99
49) Acenaphthylene	9.50	152	1558270	38.646	ng		99
50) Dimethylphthalate	9.37	163	1298411	44.260	ng		100
51) 2,6-Dinitrotoluene	9.42	165	248663	36.715	ng		99
52) Acenaphthene	9.67	154	979024	38.803	ng		99
53) 3-Nitroaniline	9.58	138	151298	18.306	ng		96
54) 2,4-Dinitrophenol	9.69	184	140063	43.844	ng	#	89
55) Dibenzofuran	9.84	168	1324226	36.568	ng		100
56) 4-Nitrophenol	9.75	139	423781	63.957	ng		93
57) 2,4-Dinitrotoluene	9.82	165	318748	36.449	ng		98
58) Fluorene	10.18	166	925917	37.272	ng		99
59) 2,3,4,6-Tetrachlorophenol	9.96	232	256641	34.165	ng		96
60) Diethylphthalate	10.07	149	1010400	34.264	ng		100
61) 4-Chlorophenyl-phenylether	10.18	204	448328	38.083	ng		98
62) 4-Nitroaniline	10.19	138	247783	29.884	ng		99
63) Azobenzene	10.34	77	934778	33.938	ng		96
65) 4,6-Dinitro-2-methylphenol	10.22	198	116495	34.029	ng		81
66) n-Nitrosodiphenylamine	10.29	169	856344	40.700	ng		99
67) 4-Bromophenyl-phenylether	10.67	248	288347	39.380	ng		96
68) Hexachlorobenzene	10.73	284	308227	38.782	ng		97
69) Atrazine	10.82	200	251072	37.096	ng		100
70) Pentachlorophenol	10.92	266	371173	73.307	ng		98
71) Phenanthrene	11.14	178	1368568	37.638	ng		98
72) Anthracene	11.18	178	1417459	38.618	ng		100
73) Carbazole	11.34	167	1263791	38.559	ng		100
74) Di-n-butylphthalate	11.69	149	1445972	38.178	ng		99
75) Fluoranthene	12.31	202	1465677	40.400	ng		98
77) Benzidine	12.44	184	586302	22.944	ng		99
78) Pyrene	12.54	202	1509233	34.125	ng		99
80) Butylbenzylphthalate	13.17	149	699680	35.849	ng		98
81) Benzo(a)anthracene	13.72	228	1479042	35.818	ng		99
82) 3,3'-Dichlorobenzidine	13.69	252	380231	25.499	ng		99
83) Chrysene	13.75	228	1425494	37.686	ng		99
84) Bis(2-ethylhexyl)phthalate	13.74	149	957386	37.436	ng		99
85) Di-n-octyl phthalate	14.35	149	1724873	40.142	ng		100
86) Indeno(1,2,3-cd)pyrene	16.37	276	1690283	37.765	ng		99
88) Benzo(b)fluoranthene	14.72	252	1578172	35.765	ng		99
89) Benzo(k)fluoranthene	14.75	252	1568446	39.636	ng		98
90) Benzo(a)pyrene	15.04	252	1572093	39.528	ng		98
91) Dibenzo(a,h)anthracene	16.38	278	1410944	38.001	ng		97
92) Benzo(g,h,i)perylene	16.74	276	1323397	35.216	ng		99

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

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