Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
Data File : BF115431.D
Acq On : 9 Jul 2019 2:56
Operator : HP/JU
Sample : K3668-09MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MSD

Manual Integrations APPROVED
mohammad
7/10/2019 9:04:55 AM

Quant Time: Jul 09 07:59:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 14:57:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	187974	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	753932	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	376674	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	667155	20.00	ng		0.00
76) Chrysene-d12	14.04	240	352107	20.00	ng		-0.02
87) Perylene-d12	15.51	264	403144	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1213368	99.73	ng		0.00
7) Phenol-d6	6.53	99	1623892	104.95	ng		0.00
23) Nitrobenzene-d5	7.46	82	1029458	80.68	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	435483	104.56	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1756326	81.82	ng		0.00
79) Terphenyl-d14	12.99	244	1552895	90.30	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	165246	27.690	ng		99
3) Pyridine	3.51	79	443310	26.865	ng		97
4) n-Nitrosodimethylamine	3.45	42	200487	29.961	ng		90
6) Aniline	6.56	93	454924	20.835	ng		99
8) 2-Chlorophenol	6.68	128	477811	34.781	ng		99
9) Benzaldehyde	6.44	77	267474	28.048	ng		99
10) Phenol	6.54	94	614543	33.195	ng		99
11) bis(2-Chloroethyl)ether	6.63	93	466964	34.001	ng		98
12) 1,3-Dichlorobenzene	6.84	146	492545	32.725	ng		98
13) 1,4-Dichlorobenzene	6.91	146	503982	33.430	ng		98
14) 1,2-Dichlorobenzene	7.07	146	470002	33.673	ng		98
15) Benzyl Alcohol	7.03	79	432547	34.837	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	635592	33.098	ng		100
17) 2-Methylphenol	7.15	107	409392	34.785	ng		99
18) Hexachloroethane	7.41	117	181482	32.314	ng		96
19) n-Nitroso-di-n-propylamine	7.31	70	350224	33.456	ng		99
20) 3+4-Methylphenols	7.29	107	502435	36.141	ng		97
22) Acetophenone	7.30	105	665265	36.825	ng	#	95
24) Nitrobenzene	7.47	77	523190	36.305	ng		94
25) Isophorone	7.72	82	976901	35.320	ng		100
26) 2-Nitrophenol	7.79	139	257325	43.432	ng		93
27) 2,4-Dimethylphenol	7.83	122	451470	39.962	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	611435	35.850	ng		99
29) 2,4-Dichlorophenol	8.03	162	425600	37.823	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	451869	36.072	ng		98
31) Naphthalene	8.20	128	1371487	36.624	ng		100
32) Benzoic acid	7.87	122	12296m	7.348	ng		
33) 4-Chloroaniline	8.24	127	296512	17.746	ng		99
34) Hexachlorobutadiene	8.32	225	249186	35.076	ng		98
35) Caprolactam	8.60	113	128258m	34.997	ng		
36) 4-Chloro-3-methylphenol	8.72	107	447485	37.597	ng		99
37) 2-Methylnaphthalene	8.89	142	929980	37.154	ng		99
38) 1-Methylnaphthalene	8.99	142	879183	36.813	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	426782	39.384	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	270571	43.080	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	302941	38.400	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	317849	38.855	ng		99
46) 1,1'-Biphenyl	9.35	154	1138953	38.462	ng		99
47) 2-Chloronaphthalene	9.38	162	891883	36.442	ng		98
48) 2-Nitroaniline	9.47	65	281173	39.104	ng		88
49) Acenaphthylene	9.79	152	1351033	36.461	ng		100
50) Dimethylphthalate	9.65	163	1319699	46.679	ng		100
51) 2,6-Dinitrotoluene	9.71	165	243386	39.694	ng		88
52) Acenaphthene	9.97	154	814585	34.930	ng		99
53) 3-Nitroaniline	9.87	138	193616	27.187	ng		93
54) 2,4-Dinitrophenol	9.97	184	19401	16.112	ng	#	1
55) Dibenzofuran	10.14	168	1211058	36.866	ng		96
56) 4-Nitrophenol	10.03	139	384026	69.699	ng		96
57) 2,4-Dinitrotoluene	10.11	165	310698	39.872	ng		99
58) Fluorene	10.48	166	882901	34.094	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	242901	34.372	ng		100
60) Diethylphthalate	10.35	149	1029324	36.989	ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	462400	36.584	ng		98
62) 4-Nitroaniline	10.49	138	221696	31.715	ng		97
63) Azobenzene	10.63	77	1010827	35.238	ng		100
65) 4,6-Dinitro-2-methylphenol	10.52	198	44825	19.565	ng		97
66) n-Nitrosodiphenylamine	10.59	169	861440	40.980	ng		100
67) 4-Bromophenyl-phenylether	10.96	248	291997	39.006	ng		98
68) Hexachlorobenzene	11.03	284	311594	37.094	ng		97
69) Atrazine	11.11	200	277608	42.673	ng		100
70) Pentachlorophenol	11.22	266	264643	51.695	ng		97
71) Phenanthrene	11.44	178	1279860	36.476	ng		99
72) Anthracene	11.49	178	1306218	37.125	ng		99
73) Carbazole	11.64	167	1153802	35.845	ng		99
74) Di-n-butylphthalate	11.97	149	1486421	38.210	ng		99
75) Fluoranthene	12.62	202	1161489	31.439	ng		99
77) Benzidine	12.74	184	666779	48.561	ng		98
78) Pyrene	12.85	202	1143381	41.757	ng		98
80) Butylbenzylphthalate	13.47	149	522759	43.696	ng		90
81) Benzo(a)anthracene	14.03	228	837228	37.110	ng		98
82) 3,3'-Dichlorobenzidine	13.99	252	290186	35.448	ng		100
83) Chrysene	14.07	228	866447	37.378	ng		97
84) Bis(2-ethylhexyl)phthalate	14.03	149	728353	49.161	ng		100
85) Di-n-octyl phthalate	14.64	149	1158340	43.918	ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	873380	46.154	ng	#	100
88) Benzo(b)fluoranthene	15.09	252	894830	34.091	ng		97
89) Benzo(k)fluoranthene	15.12	252	837551	35.879	ng		99
90) Benzo(a)pyrene	15.45	252	839304	37.073	ng		99
91) Dibenzo(a,h)anthracene	17.01	278	746298	38.577	ng		99
92) Benzo(g,h,i)perylene	17.43	276	681494	37.217	ng		100

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

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