Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
Data File : BF118220.D
Acq On : 17 Dec 2019 2:18
Operator : JU
Sample : K6284-01MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
42-SPRUCEMS

Manual Integrations APPROVED
mohammad
12/17/2019 3:19:32 PM

Quant Time: Dec 17 04:55:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	89955	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	355038	20.00	ng		0.00
39) Acenaphthene-d10	9.91	164	185102	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	354700	20.00	ng		0.00
76) Chrysene-d12	14.06	240	240376	20.00	ng		-0.01
87) Perylene-d12	15.55	264	279104	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	479146	93.29	ng		0.00
7) Phenol-d6	6.50	99	612993	98.68	ng		0.00
23) Nitrobenzene-d5	7.43	82	359188	56.92	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	213637	95.01	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	761999	62.64	ng		-0.01
79) Terphenyl-d14	12.99	244	879598	62.93	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	72169	33.325	ng		98
3) Pyridine	3.37	79	175925	31.487	ng		100
4) n-Nitrosodimethylamine	3.31	42	89285	37.147	ng		98
6) Aniline	6.52	93	102064	12.844	ng	#	91
8) 2-Chlorophenol	6.65	128	234068	40.418	ng		98
9) Benzaldehyde	6.41	77	77010	19.666	ng		97
10) Phenol	6.51	94	283880	40.071	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	198993	38.837	ng		96
12) 1,3-Dichlorobenzene	6.80	146	253345	37.448	ng		95
13) 1,4-Dichlorobenzene	6.88	146	262504	38.534	ng		96
14) 1,2-Dichlorobenzene	7.03	146	243028	37.988	ng		97
15) Benzyl Alcohol	7.00	79	192380	39.673	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	225184	36.552	ng		97
17) 2-Methylphenol	7.12	107	181832	39.476	ng		97
18) Hexachloroethane	7.37	117	91742	36.548	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	144684	38.329	ng		98
20) 3+4-Methylphenols	7.27	107	235030	40.623	ng		92
22) Acetophenone	7.27	105	316769	37.137	ng	#	95
24) Nitrobenzene	7.45	77	229581	37.027	ng		100
25) Isophorone	7.69	82	400648	37.450	ng		99
26) 2-Nitrophenol	7.76	139	126927	38.300	ng		90
27) 2,4-Dimethylphenol	7.80	122	193959	43.877	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	252375	36.102	ng		98
29) 2,4-Dichlorophenol	8.01	162	196327	38.097	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	215907	35.850	ng		97
31) Naphthalene	8.17	128	686021	38.474	ng		99
32) Benzoic acid	7.92	122	132697	33.246	ng		97
33) 4-Chloroaniline	8.22	127	43147	5.604	ng		95
34) Hexachlorobutadiene	8.29	225	126655	35.071	ng		98
35) Caprolactam	8.59	113	62644m	39.418	ng		
36) 4-Chloro-3-methylphenol	8.71	107	208295	38.408	ng		97
37) 2-Methylnaphthalene	8.87	142	471183	39.033	ng		97
38) 1-Methylnaphthalene	8.97	142	429193	37.866	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	206940	36.905	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	123921	49.324	ng		98
43) 2,4,6-Trichlorophenol	9.15	196	141875	37.894	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	151866	39.152	ng		96
46) 1,1'-Biphenyl	9.33	154	564997	38.702	ng		99
47) 2-Chloronaphthalene	9.36	162	438296	37.323	ng		99
48) 2-Nitroaniline	9.46	65	119789	35.770	ng		90
49) Acenaphthylene	9.77	152	709901	40.986	ng		99
50) Dimethylphthalate	9.63	163	540932	39.564	ng		99
51) 2,6-Dinitrotoluene	9.70	165	117945	39.672	ng	#	88
52) Acenaphthene	9.95	154	403508	38.168	ng		99
53) 3-Nitroaniline	9.86	138	49985	14.287	ng		97
54) 2,4-Dinitrophenol	9.98	184	61366	41.489	ng		91
55) Dibenzofuran	10.12	168	620108	40.031	ng		97
56) 4-Nitrophenol	10.04	139	176910	72.860	ng		89
57) 2,4-Dinitrotoluene	10.10	165	155887	39.285	ng		97
58) Fluorene	10.46	166	493136	40.058	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	122493	38.277	ng		98
60) Diethylphthalate	10.33	149	519245	38.546	ng		98
61) 4-Chlorophenyl-phenylether	10.45	204	237773	38.387	ng		92
62) 4-Nitroaniline	10.48	138	115740	31.718	ng		98
63) Azobenzene	10.62	77	451737	39.283	ng		97
65) 4,6-Dinitro-2-methylphenol	10.52	198	53594	27.360	ng		94
66) n-Nitrosodiphenylamine	10.57	169	432130	39.013	ng		100
67) 4-Bromophenyl-phenylether	10.95	248	148412	36.654	ng	#	93
68) Hexachlorobenzene	11.02	284	174669	36.651	ng		96
69) Atrazine	11.10	200	130095	43.547	ng		96
70) Pentachlorophenol	11.22	266	161093	71.878	ng		98
71) Phenanthrene	11.43	178	776378	41.175	ng		99
72) Anthracene	11.49	178	757648	40.280	ng		99
73) Carbazole	11.64	167	663099	39.291	ng		99
74) Di-n-butylphthalate	11.96	149	821687	38.904	ng		100
75) Fluoranthene	12.63	202	818918	42.480	ng		99
77) Benzidine	12.75	184	214068	33.829	ng		98
78) Pyrene	12.86	202	829787	43.805	ng		98
80) Butylbenzylphthalate	13.47	149	331441	38.635	ng		98
81) Benzo(a)anthracene	14.05	228	674797	40.598	ng		100
82) 3,3'-Dichlorobenzidine	14.01	252	152891	28.008	ng		97
83) Chrysene	14.09	228	655264	41.271	ng		100
84) Bis(2-ethylhexyl)phthalate	14.03	149	453407	40.082	ng		100
85) Di-n-octyl phthalate	14.64	149	712889	41.602	ng		100
86) Indeno(1,2,3-cd)pyrene	17.06	276	701827	52.536	ng		99
88) Benzo(b)fluoranthene	15.11	252	704674	38.175	ng		99
89) Benzo(k)fluoranthene	15.14	252	608545	34.317	ng	#	98
90) Benzo(a)pyrene	15.49	252	652134	40.001	ng		99
91) Dibenzo(a,h)anthracene	17.07	278	576580	41.234	ng		98
92) Benzo(g,h,i)perylene	17.52	276	545961	40.632	ng		97

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

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