Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
Data File : BF115479.D
Acq On : 11 Jul 2019 2:07
Operator : HP/JU
Sample : K3687-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-206-72-12017MSD

Manual Integrations APPROVED
mohammad
7/11/2019 5:22:35 PM

Quant Time: Jul 11 08:01:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	144618	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	551960	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	263623	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	486095	20.00	ng		0.00
76) Chrysene-d12	14.06	240	344630	20.00	ng		0.00
87) Perylene-d12	15.54	264	440888	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1061851	113.44	ng		0.00
7) Phenol-d6	6.53	99	1398184	117.45	ng		0.00
23) Nitrobenzene-d5	7.46	82	877193	93.90	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	374087	128.34	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1459122	97.12	ng		0.00
79) Terphenyl-d14	13.00	244	1342606	79.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	143213	31.193	ng		100
3) Pyridine	3.48	79	380334	29.959	ng		100
4) n-Nitrosodimethylamine	3.42	42	159446	30.972	ng		97
6) Aniline	6.56	93	374258	22.279	ng		99
8) 2-Chlorophenol	6.68	128	400300	37.874	ng		99
9) Benzaldehyde	6.44	77	218703	30.299	ng		98
10) Phenol	6.54	94	511120	35.886	ng		99
11) bis(2-Chloroethyl)ether	6.63	93	376646	35.646	ng		96
12) 1,3-Dichlorobenzene	6.84	146	426258	36.812	ng		99
13) 1,4-Dichlorobenzene	6.92	146	432156	37.259	ng		99
14) 1,2-Dichlorobenzene	7.07	146	403762	37.599	ng		98
15) Benzyl Alcohol	7.03	79	358220	37.500	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	493832	33.425	ng		99
17) 2-Methylphenol	7.15	107	339638	37.510	ng		99
18) Hexachloroethane	7.41	117	151395	35.039	ng		94
19) n-Nitroso-di-n-propylamine	7.31	70	272323	33.813	ng		97
20) 3+4-Methylphenols	7.30	107	413204	38.633	ng	#	87
22) Acetophenone	7.30	105	541976	40.978	ng	#	96
24) Nitrobenzene	7.47	77	432865	41.028	ng		96
25) Isophorone	7.72	82	773443	38.196	ng		99
26) 2-Nitrophenol	7.79	139	218180	50.300	ng		99
27) 2,4-Dimethylphenol	7.83	122	354221	42.827	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	472735	37.860	ng		99
29) 2,4-Dichlorophenol	8.03	162	344930	41.871	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	374507	40.836	ng		99
31) Naphthalene	8.20	128	1141370	41.632	ng		99
32) Benzoic acid	7.93	122	185249	32.917	ng		97
33) 4-Chloroaniline	8.24	127	128054	10.468	ng		99
34) Hexachlorobutadiene	8.32	225	209448	40.271	ng		99
35) Caprolactam	8.61	113	111451m	41.539	ng		
36) 4-Chloro-3-methylphenol	8.73	107	361514	41.488	ng		100
37) 2-Methylnaphthalene	8.89	142	763809	41.681	ng		98
38) 1-Methylnaphthalene	8.99	142	712101	40.728	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	353116	46.560	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	173412	39.451	ng		98
43) 2,4,6-Trichlorophenol	9.17	196	242709	43.958	ng		99
44) 2,4,5-Trichlorophenol	9.21	196	258590	45.166	ng		99
46) 1,1'-Biphenyl	9.36	154	924843	44.625	ng		98
47) 2-Chloronaphthalene	9.38	162	731424	42.702	ng		98
48) 2-Nitroaniline	9.47	65	220143	43.745	ng		94
49) Acenaphthylene	9.80	152	1098803	42.370	ng		99
50) Dimethylphthalate	9.66	163	1113337	56.267	ng		99
51) 2,6-Dinitrotoluene	9.71	165	193306	45.046	ng		95
52) Acenaphthene	9.97	154	691492	42.367	ng		100
53) 3-Nitroaniline	9.87	138	95582	19.177	ng		94
54) 2,4-Dinitrophenol	9.98	184	75785	45.654	ng	#	70
55) Dibenzofuran	10.14	168	990572	43.085	ng		99
56) 4-Nitrophenol	10.04	139	320311	83.065	ng		96
57) 2,4-Dinitrotoluene	10.12	165	251237	46.067	ng		95
58) Fluorene	10.49	166	718551	39.647	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	207281	41.910	ng		99
60) Diethylphthalate	10.36	149	797222	40.933	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	371262	41.970	ng		97
62) 4-Nitroaniline	10.49	138	164431	33.610	ng		96
63) Azobenzene	10.63	77	773122	38.509	ng		97
65) 4,6-Dinitro-2-methylphenol	10.52	198	65544	31.392	ng		99
66) n-Nitrosodiphenylamine	10.59	169	676485	44.169	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	229410	42.060	ng		94
68) Hexachlorobenzene	11.03	284	251701	41.125	ng		94
69) Atrazine	11.12	200	216163	45.604	ng		99
70) Pentachlorophenol	11.23	266	271754	72.856	ng		99
71) Phenanthrene	11.45	178	1081209	42.293	ng		99
72) Anthracene	11.50	178	1102344	43.000	ng		99
73) Carbazole	11.64	167	965381	41.163	ng		100
74) Di-n-butylphthalate	11.98	149	1158511	40.873	ng		100
75) Fluoranthene	12.63	202	1117583	41.519	ng		98
77) Benzidine	12.75	184	609904	45.382	ng		97
78) Pyrene	12.86	202	1115464	41.622	ng		99
80) Butylbenzylphthalate	13.47	149	456943	39.023	ng		98
81) Benzo(a)anthracene	14.05	228	977719	44.277	ng		100
82) 3,3'-Dichlorobenzidine	14.01	252	311979	38.937	ng		98
83) Chrysene	14.09	228	991739	43.711	ng		100
84) Bis(2-ethylhexyl)phthalate	14.04	149	582917	40.198	ng		99
85) Di-n-octyl phthalate	14.65	149	1073925	41.601	ng		98
86) Indeno(1,2,3-cd)pyrene	17.03	276	1088675	60.634	ng		100
88) Benzo(b)fluoranthene	15.11	252	1189689	41.444	ng		99
89) Benzo(k)fluoranthene	15.14	252	1031741	40.414	ng		99
90) Benzo(a)pyrene	15.48	252	1084093	43.786	ng		98
91) Dibenzo(a,h)anthracene	17.04	278	920957	43.529	ng		100
92) Benzo(g,h,i)perylene	17.48	276	849658	42.429	ng		99

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

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