Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
Data File : BF115547.D
Acq On : 13 Jul 2019 00:45
Operator : HP/JU
Sample : K3768-01MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Manual Integrations APPROVED
mohammad
7/15/2019 2:57:40 PM

Quant Time: Jul 15 03:58:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	145774	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	548838	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	251220	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	419145	20.00	ng		0.00
76) Chrysene-d12	14.04	240	292858	20.00	ng		0.00
87) Perylene-d12	15.52	264	339301	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1164685	130.69	ng		0.01
7) Phenol-d6	6.52	99	1511743	133.68	ng		0.00
23) Nitrobenzene-d5	7.45	82	966257	102.37	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	355704	121.30	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1662047	115.80	ng		0.00
79) Terphenyl-d14	12.99	244	1377585	86.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	164209	36.939	ng		99
3) Pyridine	3.56	79	9936	0.824	ng		92
4) n-Nitrosodimethylamine	3.42	42	177698	40.612	ng		98
6) Aniline	6.55	93	183955	11.689	ng		99
8) 2-Chlorophenol	6.67	128	440210	42.963	ng		96
9) Benzaldehyde	6.43	77	265805	37.614	ng		95
10) Phenol	6.53	94	531536	40.491	ng		84
11) bis(2-Chloroethyl)ether	6.62	93	421651	42.188	ng		98
12) 1,3-Dichlorobenzene	6.83	146	474261	41.168	ng		99
13) 1,4-Dichlorobenzene	6.90	146	479496	41.716	ng		98
14) 1,2-Dichlorobenzene	7.06	146	448045	42.642	ng		97
15) Benzyl Alcohol	7.02	79	397437	44.304	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	556487	42.292	ng		97
17) 2-Methylphenol	7.13	107	375904	42.571	ng		99
18) Hexachloroethane	7.40	117	164597	38.581	ng		93
19) n-Nitroso-di-n-propylamine	7.30	70	305516	41.425	ng		97
20) 3+4-Methylphenols	7.29	107	443969	42.329	ng		98
22) Acetophenone	7.29	105	606060	48.880	ng	#	93
24) Nitrobenzene	7.46	77	472819	46.443	ng		96
25) Isophorone	7.70	82	857605	45.406	ng		99
26) 2-Nitrophenol	7.78	139	227826	43.477	ng		97
27) 2,4-Dimethylphenol	7.82	122	388445	49.543	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	541042	46.694	ng		98
29) 2,4-Dichlorophenol	8.02	162	373530	45.809	ng		99
30) 1,2,4-Trichlorobenzene	8.11	180	417676	45.315	ng		98
31) Naphthalene	8.19	128	1258015	47.329	ng		97
32) Benzoic acid	7.87	122	23857	3.708	ng		94
33) 4-Chloroaniline	8.23	127	212650	18.061	ng		99
34) Hexachlorobutadiene	8.31	225	233998	44.270	ng		99
35) Caprolactam	8.59	113	84382m	33.489	ng		
36) 4-Chloro-3-methylphenol	8.71	107	380931	45.036	ng		99
37) 2-Methylnaphthalene	8.88	142	826430	46.905	ng		98
38) 1-Methylnaphthalene	8.98	142	775831	46.358	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	382757	50.595	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	171360	39.709	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	253947	45.902	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	259246	45.757	ng		97
46) 1,1'-Biphenyl	9.35	154	997843	50.806	ng		98
47) 2-Chloronaphthalene	9.37	162	783264	47.896	ng		98
48) 2-Nitroaniline	9.46	65	232125	45.860	ng		98
49) Acenaphthylene	9.79	152	1165043	48.079	ng		98
50) Dimethylphthalate	9.65	163	1202900	63.642	ng		99
51) 2,6-Dinitrotoluene	9.70	165	203095	47.282	ng		90
52) Acenaphthene	9.96	154	692212	44.247	ng		99
53) 3-Nitroaniline	9.87	138	173952	35.438	ng		95
54) 2,4-Dinitrophenol	9.97	184	21016	9.530	ng	#	1
55) Dibenzofuran	10.13	168	1022820	46.038	ng		99
56) 4-Nitrophenol	10.03	139	282749	75.540	ng		95
57) 2,4-Dinitrotoluene	10.10	165	249352	44.808	ng		94
58) Fluorene	10.47	166	734334	46.235	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	190538	40.230	ng		99
60) Diethylphthalate	10.35	149	858473	48.475	ng		98
61) 4-Chlorophenyl-phenylether	10.46	204	386900	43.927	ng		97
62) 4-Nitroaniline	10.48	138	188123	39.955	ng		99
63) Azobenzene	10.62	77	794006	46.224	ng		97
65) 4,6-Dinitro-2-methylphenol	10.51	198	32645	12.748	ng		100
66) n-Nitrosodiphenylamine	10.58	169	674862	51.761	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	232263	48.491	ng		99
68) Hexachlorobenzene	11.02	284	247648	45.274	ng	#	91
69) Atrazine	11.10	200	208343	48.710	ng		100
70) Pentachlorophenol	11.21	266	227874	68.112	ng		99
71) Phenanthrene	11.43	178	1019392	47.447	ng		98
72) Anthracene	11.49	178	1050538	47.313	ng		99
73) Carbazole	11.63	167	903704	46.412	ng		99
74) Di-n-butylphthalate	11.97	149	1181381	49.257	ng		100
75) Fluoranthene	12.62	202	960261	42.295	ng		100
77) Benzidine	12.73	184	5070	0.489	ng	#	87
78) Pyrene	12.85	202	968821	39.046	ng		97
80) Butylbenzylphthalate	13.46	149	423950	40.081	ng		98
81) Benzo(a)anthracene	14.03	228	847101	43.906	ng		97
82) 3,3'-Dichlorobenzidine	13.99	252	261409	38.113	ng		97
83) Chrysene	14.07	228	883928	45.638	ng		97
84) Bis(2-ethylhexyl)phthalate	14.03	149	587085	44.809	ng		99
85) Di-n-octyl phthalate	14.64	149	1058717	50.787	ng		99
86) Indeno(1,2,3-cd)pyrene	17.00	276	748841	45.509	ng		100
88) Benzo(b)fluoranthene	15.09	252	970603	44.425	ng		99
89) Benzo(k)fluoranthene	15.12	252	857778	44.036	ng		98
90) Benzo(a)pyrene	15.46	252	850186	45.275	ng		99
91) Dibenzo(a,h)anthracene	17.01	278	653681	39.652	ng		98
92) Benzo(g,h,i)perylene	17.44	276	573471	34.880	ng		99

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

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