Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
Data File : BF115548.D
Acq On : 13 Jul 2019 1:13
Operator : HP/JU
Sample : K3768-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Manual Integrations APPROVED
mohammad
7/15/2019 2:57:44 PM

Quant Time: Jul 15 04:00:29 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	156633	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	603933	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	273778	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	453682	20.00	ng		0.00
76) Chrysene-d12	14.04	240	318986	20.00	ng		0.00
87) Perylene-d12	15.52	264	371222	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	924780	96.57	ng		0.00
7) Phenol-d6	6.52	99	1204359	99.12	ng		0.00
23) Nitrobenzene-d5	7.45	82	756446	72.83	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	279985	87.61	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1338372	85.56	ng		0.00
79) Terphenyl-d14	12.99	244	1105193	63.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	127120	26.613	ng		99
3) Pyridine	3.53	79	19541	1.508	ng		95
4) n-Nitrosodimethylamine	3.41	42	139456	29.663	ng		99
6) Aniline	6.55	93	184010	10.882	ng		97
8) 2-Chlorophenol	6.67	128	347948	31.604	ng		100
9) Benzaldehyde	6.43	77	209439	27.583	ng		99
10) Phenol	6.53	94	431943	30.623	ng		79
11) bis(2-Chloroethyl)ether	6.62	93	334321	31.131	ng		99
12) 1,3-Dichlorobenzene	6.83	146	380188	30.714	ng		99
13) 1,4-Dichlorobenzene	6.90	146	386964	31.332	ng		97
14) 1,2-Dichlorobenzene	7.06	146	362670	32.123	ng		97
15) Benzyl Alcohol	7.02	79	312366	32.407	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	434575	30.737	ng		97
17) 2-Methylphenol	7.13	107	294972	31.089	ng		99
18) Hexachloroethane	7.40	117	130806	28.535	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	245322	30.957	ng		97
20) 3+4-Methylphenols	7.28	107	358293	31.792	ng		89
22) Acetophenone	7.29	105	484862	35.537	ng	#	90
24) Nitrobenzene	7.46	77	376821	33.637	ng		98
25) Isophorone	7.70	82	679775	32.708	ng		99
26) 2-Nitrophenol	7.78	139	182522	31.654	ng		95
27) 2,4-Dimethylphenol	7.82	122	301322	34.926	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	422499	33.137	ng		99
29) 2,4-Dichlorophenol	8.02	162	297735	33.182	ng		97
30) 1,2,4-Trichlorobenzene	8.11	180	329963	32.533	ng		98
31) Naphthalene	8.19	128	1013699	34.658	ng		97
32) Benzoic acid	7.86	122	14787	2.088	ng		97
33) 4-Chloroaniline	8.23	127	212522	16.404	ng		98
34) Hexachlorobutadiene	8.31	225	187201	32.186	ng		99
35) Caprolactam	8.58	113	68809m	24.817	ng		
36) 4-Chloro-3-methylphenol	8.71	107	299307	32.158	ng		98
37) 2-Methylnaphthalene	8.88	142	664755	34.287	ng		97
38) 1-Methylnaphthalene	8.98	142	621363	33.741	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	303655	36.832	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	136433	29.010	ng		100
43) 2,4,6-Trichlorophenol	9.16	196	197344	32.732	ng		98
44) 2,4,5-Trichlorophenol	9.19	196	205729	33.320	ng		99
46) 1,1'-Biphenyl	9.35	154	800615	37.405	ng		98
47) 2-Chloronaphthalene	9.37	162	612730	34.381	ng		97
48) 2-Nitroaniline	9.46	65	177765	32.227	ng		98
49) Acenaphthylene	9.79	152	927022	35.104	ng		97
50) Dimethylphthalate	9.64	163	1022781	49.654	ng		99
51) 2,6-Dinitrotoluene	9.70	165	158753	33.914	ng		98
52) Acenaphthene	9.96	154	552734	32.420	ng		99
53) 3-Nitroaniline	9.86	138	142298	26.601	ng		98
54) 2,4-Dinitrophenol	9.97	184	18604	7.741	ng	#	15
55) Dibenzofuran	10.13	168	816694	33.731	ng		98
56) 4-Nitrophenol	10.02	139	218624	53.596	ng		98
57) 2,4-Dinitrotoluene	10.10	165	194931	32.143	ng	#	84
58) Fluorene	10.47	166	593127	34.268	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	151015	29.258	ng		99
60) Diethylphthalate	10.34	149	677320	35.095	ng		98
61) 4-Chlorophenyl-phenylether	10.46	204	313201	32.630	ng		98
62) 4-Nitroaniline	10.47	138	147804	28.805	ng		99
63) Azobenzene	10.62	77	628862	33.593	ng		97
65) 4,6-Dinitro-2-methylphenol	10.51	198	29137	10.512	ng		94
66) n-Nitrosodiphenylamine	10.57	169	528400	37.442	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	183336	35.362	ng		99
68) Hexachlorobenzene	11.02	284	193717	32.719	ng		95
69) Atrazine	11.10	200	169057	36.516	ng		99
70) Pentachlorophenol	11.21	266	189806	52.415	ng		99
71) Phenanthrene	11.43	178	807746	34.734	ng		96
72) Anthracene	11.48	178	820848	34.154	ng		99
73) Carbazole	11.63	167	706466	33.521	ng		98
74) Di-n-butylphthalate	11.97	149	940740	36.238	ng		100
75) Fluoranthene	12.62	202	753902	30.678	ng		98
77) Benzidine	12.73	184	3071	0.272	ng	#	76
78) Pyrene	12.84	202	756912	28.007	ng		96
80) Butylbenzylphthalate	13.46	149	329285	28.581	ng		99
81) Benzo(a)anthracene	14.03	228	683480	32.524	ng		97
82) 3,3'-Dichlorobenzidine	13.99	252	222710	29.811	ng		98
83) Chrysene	14.07	228	703572	33.351	ng		97
84) Bis(2-ethylhexyl)phthalate	14.03	149	460962	32.301	ng		99
85) Di-n-octyl phthalate	14.64	149	827430	36.441	ng		98
86) Indeno(1,2,3-cd)pyrene	16.99	276	614888	34.308	ng		99
88) Benzo(b)fluoranthene	15.09	252	733366	30.680	ng		98
89) Benzo(k)fluoranthene	15.12	252	717979	33.690	ng		97
90) Benzo(a)pyrene	15.45	252	684557	33.320	ng		98
91) Dibenzo(a,h)anthracene	17.01	278	527034	29.220	ng		100
92) Benzo(g,h,i)perylene	17.44	276	470971	26.182	ng		98

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

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