Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
Data File : BF114076.D
Acq On : 1 May 2019 18:40
Operator : JU/SJ
Sample : K2191-01MSDRE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-66-TPMSDRE

Quant Time: May 02 01:03:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	80784	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	299490	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	156031	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	309260	20.00	ng		0.00
76) Chrysene-d12	14.07	240	254394	20.00	ng		0.00
87) Perylene-d12	15.56	264	188149	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	584048	123.65	ng		0.00
7) Phenol-d6	6.53	99	753251	127.11	ng		0.01
23) Nitrobenzene-d5	7.46	82	439813	90.67	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	231422	121.75	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	794846	79.67	ng		0.00
79) Terphenyl-d14	13.00	244	889941	71.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	88649	39.816	ng		97
3) Pyridine	3.45	79	224425	36.928	ng		99
4) n-Nitrosodimethylamine	3.38	42	83611	40.191	ng		95
6) Aniline	6.56	93	145042	17.824	ng		93
8) 2-Chlorophenol	6.69	128	227628	42.212	ng		99
9) Benzaldehyde	6.45	77	55389	11.940	ng		93
10) Phenol	6.55	94	316656	44.688	ng		97
11) bis(2-Chloroethyl)ether	6.63	93	222413	41.711	ng		98
12) 1,3-Dichlorobenzene	6.84	146	244149	39.976	ng		99
13) 1,4-Dichlorobenzene	6.92	146	249979	40.694	ng		99
14) 1,2-Dichlorobenzene	7.07	146	234847	41.599	ng		99
15) Benzyl Alcohol	7.03	79	199728	50.044	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	242481	38.955	ng		92
17) 2-Methylphenol	7.15	107	191726	40.561	ng		98
18) Hexachloroethane	7.41	117	57402	26.657	ng		94
19) n-Nitroso-di-n-propylamine	7.30	70	162491	42.343	ng		97
20) 3+4-Methylphenols	7.30	107	235365	44.072	ng	#	62
22) Acetophenone	7.30	105	323476	48.536	ng	#	95
24) Nitrobenzene	7.47	77	242943	45.328	ng		100
25) Isophorone	7.72	82	445211	44.858	ng		100
26) 2-Nitrophenol	7.79	139	107974	44.160	ng		96
27) 2,4-Dimethylphenol	7.83	122	203738	51.143	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	285872	45.202	ng		100
29) 2,4-Dichlorophenol	8.04	162	212960	46.748	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	220455	43.402	ng		98
31) Naphthalene	8.20	128	659506	46.355	ng		99
32) Benzoic acid	7.93	122	33458	12.437	ng		96
33) 4-Chloroaniline	8.25	127	83988	13.951	ng		99
34) Hexachlorobutadiene	8.32	225	131893	41.653	ng		99
35) Caprolactam	8.61	113	64203	44.304	ng		97
36) 4-Chloro-3-methylphenol	8.73	107	208762	46.256	ng		97
37) 2-Methylnaphthalene	8.89	142	451340	47.043	ng		97
38) 1-Methylnaphthalene	8.99	142	420601	45.421	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	226318	44.653	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	8373	2.962	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	153577	47.718	ng		100
44) 2,4,5-Trichlorophenol	9.22	196	164889	45.677	ng		98
46) 1,1'-Biphenyl	9.36	154	541427	45.423	ng		99
47) 2-Chloronaphthalene	9.39	162	428432	44.199	ng		99
48) 2-Nitroaniline	9.47	65	135242	53.223	ng		93
49) Acenaphthylene	9.80	152	640860	42.231	ng		98
50) Dimethylphthalate	9.65	163	639986	56.714	ng		99
51) 2,6-Dinitrotoluene	9.72	165	106621	44.041	ng		98
52) Acenaphthene	9.97	154	374599	41.770	ng		98
53) 3-Nitroaniline	9.88	138	88347	34.728	ng		100
54) 2,4-Dinitrophenol	10.00	184	6367	13.766	ng	#	7
55) Dibenzofuran	10.15	168	592381	44.097	ng		99
56) 4-Nitrophenol	10.06	139	177841	88.292	ng		94
57) 2,4-Dinitrotoluene	10.12	165	130547	42.722	ng		98
58) Fluorene	10.49	166	446551	44.152	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	139625	44.013	ng		99
60) Diethylphthalate	10.35	149	496486	46.332	ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	242459	45.267	ng		100
62) 4-Nitroaniline	10.50	138	120243	48.435	ng		96
63) Azobenzene	10.63	77	426751	41.090	ng		98
65) 4,6-Dinitro-2-methylphenol	10.53	198	7700	11.913	ng	#	69
66) n-Nitrosodiphenylamine	10.59	169	415810	44.810	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	172718	46.231	ng		97
68) Hexachlorobenzene	11.04	284	183600	44.721	ng		94
69) Atrazine	11.12	200	146542	48.546	ng		99
70) Pentachlorophenol	11.23	266	181503	78.084	ng		98
71) Phenanthrene	11.45	178	715369	46.028	ng		99
72) Anthracene	11.50	178	747273	47.612	ng		98
73) Carbazole	11.65	167	692814	49.479	ng		99
74) Di-n-butylphthalate	11.98	149	827013	50.210	ng		99
75) Fluoranthene	12.65	202	682712	40.262	ng		97
77) Benzidine	12.76	184	66538	8.778	ng	#	96
78) Pyrene	12.87	202	694977	39.065	ng		98
80) Butylbenzylphthalate	13.47	149	321543	45.938	ng		97
81) Benzo(a)anthracene	14.06	228	641477	42.798	ng		99
82) 3,3'-Dichlorobenzidine	14.02	252	159558	29.044	ng	#	99
83) Chrysene	14.10	228	702662	48.136	ng		97
84) Bis(2-ethylhexyl)phthalate	14.04	149	485009	54.461	ng		99
85) Di-n-octyl phthalate	14.66	149	896249	64.297	ng		98
86) Indeno(1,2,3-cd)pyrene	17.07	276	454097	32.841	ng		98
88) Benzo(b)fluoranthene	15.13	252	606061	50.912	ng		100
89) Benzo(k)fluoranthene	15.15	252	530685	51.827	ng		98
90) Benzo(a)pyrene	15.50	252	460672	44.741	ng		99
91) Dibenzo(a,h)anthracene	17.08	278	396792	41.053	ng		99
92) Benzo(g,h,i)perylene	17.53	276	369845	37.917	ng		98

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

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