Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
Data File : BF114070.D
Acq On : 1 May 2019 15:40
Operator : JU/SJ
Sample : K2191-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-66-TPMSD

Quant Time: May 02 01:00:11 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	90554	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	331249	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	162677	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	328211	20.00	ng		0.01
76) Chrysene-d12	14.07	240	234877	20.00	ng		0.00
87) Perylene-d12	15.56	264	187213	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	643622	121.57	ng		0.01
7) Phenol-d6	6.53	99	845839	127.34	ng		0.01
23) Nitrobenzene-d5	7.46	82	481077	89.67	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	249280	125.79	ng		0.01
45) 2-Fluorobiphenyl	9.26	172	869511	83.60	ng		0.00
79) Terphenyl-d14	13.01	244	927786	80.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	105433	42.245	ng		97
3) Pyridine	3.46	79	249097	36.566	ng		95
4) n-Nitrosodimethylamine	3.39	42	92940	39.855	ng		94
6) Aniline	6.56	93	171628	18.816	ng	#	91
8) 2-Chlorophenol	6.69	128	244115	40.385	ng		99
9) Benzaldehyde	6.45	77	62594	12.079	ng		98
10) Phenol	6.55	94	352919	44.432	ng		97
11) bis(2-Chloroethyl)ether	6.63	93	241006	40.321	ng		98
12) 1,3-Dichlorobenzene	6.84	146	263158	38.440	ng		100
13) 1,4-Dichlorobenzene	6.92	146	277908	40.360	ng		99
14) 1,2-Dichlorobenzene	7.07	146	254444	40.208	ng		99
15) Benzyl Alcohol	7.03	79	215635	48.200	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	264536	37.913	ng		92
17) 2-Methylphenol	7.15	107	204753	38.643	ng		97
18) Hexachloroethane	7.41	117	64575	26.753	ng		96
19) n-Nitroso-di-n-propylamine	7.30	70	176789	41.098	ng		95
20) 3+4-Methylphenols	7.30	107	261953	43.758	ng	#	64
22) Acetophenone	7.30	105	350428	47.539	ng	#	94
24) Nitrobenzene	7.47	77	265490	44.786	ng		99
25) Isophorone	7.72	82	497096	45.284	ng		99
26) 2-Nitrophenol	7.79	139	127617	47.189	ng		95
27) 2,4-Dimethylphenol	7.83	122	229200	52.018	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	314351	44.939	ng		99
29) 2,4-Dichlorophenol	8.04	162	238619	47.359	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	245693	43.733	ng		100
31) Naphthalene	8.20	128	762138	48.432	ng		99
32) Benzoic acid	7.93	122	36977	12.427	ng		93
33) 4-Chloroaniline	8.25	127	102420	15.382	ng		97
34) Hexachlorobutadiene	8.32	225	152238	43.469	ng		99
35) Caprolactam	8.61	113	69615	43.433	ng		98
36) 4-Chloro-3-methylphenol	8.73	107	226358	45.346	ng		98
37) 2-Methylnaphthalene	8.89	142	499986	47.117	ng		98
38) 1-Methylnaphthalene	8.99	142	471870	46.072	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	247166	46.774	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	8653	2.936	ng		96
43) 2,4,6-Trichlorophenol	9.17	196	170369	50.773	ng		99
44) 2,4,5-Trichlorophenol	9.22	196	183871	48.854	ng		98
46) 1,1'-Biphenyl	9.36	154	591530	47.599	ng		98
47) 2-Chloronaphthalene	9.39	162	463661	45.879	ng		99
48) 2-Nitroaniline	9.47	65	149745	56.523	ng		91
49) Acenaphthylene	9.80	152	699773	44.230	ng		99
50) Dimethylphthalate	9.65	163	693911	58.981	ng		99
51) 2,6-Dinitrotoluene	9.72	165	119394	47.303	ng		98
52) Acenaphthene	9.97	154	400399	42.823	ng		97
53) 3-Nitroaniline	9.88	138	90835	34.247	ng		97
54) 2,4-Dinitrophenol	10.00	184	5368	12.723	ng	#	14
55) Dibenzofuran	10.15	168	609601	43.525	ng		99
56) 4-Nitrophenol	10.05	139	188975	89.986	ng		90
57) 2,4-Dinitrotoluene	10.12	165	132206	41.497	ng		97
58) Fluorene	10.49	166	497510	47.181	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	150369	45.463	ng		99
60) Diethylphthalate	10.35	149	543729	48.667	ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	273133	48.910	ng		98
62) 4-Nitroaniline	10.50	138	132519	51.199	ng		96
63) Azobenzene	10.63	77	474196	43.793	ng		99
65) 4,6-Dinitro-2-methylphenol	10.53	198	7431	11.496	ng	#	59
66) n-Nitrosodiphenylamine	10.59	169	462303	46.944	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	171706	43.306	ng		95
68) Hexachlorobenzene	11.05	284	176048	40.405	ng		97
69) Atrazine	11.12	200	143521	44.800	ng		99
70) Pentachlorophenol	11.23	266	191845	77.767	ng		96
71) Phenanthrene	11.45	178	736435	44.647	ng		99
72) Anthracene	11.50	178	749092	44.972	ng		99
73) Carbazole	11.66	167	671390	45.180	ng		99
74) Di-n-butylphthalate	11.98	149	863939	49.423	ng		100
75) Fluoranthene	12.65	202	712980	39.619	ng		98
77) Benzidine	12.76	184	63321	9.048	ng	#	97
78) Pyrene	12.87	202	714061	43.473	ng		98
80) Butylbenzylphthalate	13.48	149	327708	50.709	ng		95
81) Benzo(a)anthracene	14.06	228	661842	47.826	ng		100
82) 3,3'-Dichlorobenzidine	14.02	252	166424	32.811	ng	#	97
83) Chrysene	14.10	228	627227	46.539	ng		98
84) Bis(2-ethylhexyl)phthalate	14.04	149	498311	60.605	ng		100
85) Di-n-octyl phthalate	14.66	149	822138	63.881	ng		98
86) Indeno(1,2,3-cd)pyrene	17.07	276	450981	35.326	ng		98
88) Benzo(b)fluoranthene	15.13	252	520111	43.910	ng		99
89) Benzo(k)fluoranthene	15.16	252	497914	48.870	ng		100
90) Benzo(a)pyrene	15.50	252	451361	44.056	ng		99
91) Dibenzo(a,h)anthracene	17.09	278	388664	40.413	ng		99
92) Benzo(g,h,i)perylene	17.53	276	364954	37.603	ng		98

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

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