Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112434.D
Acq On : 7 Feb 2019 13:03
Operator : JU/SJ
Sample : K1385-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 98-SB-01-2-4MS

Quant Time: Feb 09 03:20:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	125481	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	496713	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	248407	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	477518	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	306068	20.00	ng		0.00
87) Perylene-d12	15.47	264	304595	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	708358	119.91	ng		-0.01
7) Phenol-d6	6.49	99	906336	110.41	ng		0.00
23) Nitrobenzene-d5	7.40	82	561427	65.13	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	285675	98.80	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	1142731	65.06	ng		-0.02
79) Terphenyl-d14	12.94	244	1099661	67.67	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	83140	35.328	ng		95
3) Pyridine	3.39	79	221639	37.024	ng		99
4) n-Nitrosodimethylamine	3.32	42	114469	45.513	ng		93
6) Aniline	6.50	93	108509	11.112	ng	#	1
8) 2-Chlorophenol	6.63	128	288000	36.239	ng		98
9) Benzaldehyde	6.38	77	131636	30.680	ng		98
10) Phenol	6.50	94	342901	38.074	ng		82
11) bis(2-Chloroethyl)ether	6.56	93	237512	33.498	ng		99
12) 1,3-Dichlorobenzene	6.77	146	298942	32.299	ng		99
13) 1,4-Dichlorobenzene	6.85	146	310247	32.571	ng		99
14) 1,2-Dichlorobenzene	7.00	146	294380	33.009	ng		98
15) Benzyl Alcohol	6.98	79	235503	34.033	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	290899	31.954	ng	#	32
17) 2-Methylphenol	7.10	107	221957	35.232	ng		92
18) Hexachloroethane	7.34	117	105352	31.497	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	186197	32.895	ng		97
20) 3+4-Methylphenols	7.26	107	298663	37.073	ng	#	62
22) Acetophenone	7.24	105	387794	32.062	ng	#	92
24) Nitrobenzene	7.42	77	288791	33.544	ng		97
25) Isophorone	7.65	82	496615	36.722	ng		99
26) 2-Nitrophenol	7.73	139	157300	34.188	ng		96
27) 2,4-Dimethylphenol	7.77	122	245764	38.770	ng		94
28) bis(2-Chloroethoxy)methane	7.86	93	303751	32.986	ng		99
29) 2,4-Dichlorophenol	7.99	162	249473	35.167	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	262632	32.208	ng		99
31) Naphthalene	8.13	128	840468	36.183	ng		99
33) 4-Chloroaniline	8.19	127	74093	7.326	ng		99
34) Hexachlorobutadiene	8.25	225	143855	30.064	ng		97
35) Caprolactam	8.55	113	80407	32.130	ng		98
36) 4-Chloro-3-methylphenol	8.69	107	260850	34.735	ng		98
37) 2-Methylnaphthalene	8.83	142	582328	36.620	ng		97
38) 1-Methylnaphthalene	8.93	142	553610	36.322	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	267165	32.757	ng		98
41) Hexachlorocyclopentadiene	8.98	237	83874	33.415	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.12	196	174237	34.657	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	184705	35.152	ng		97
46) 1,1'-Biphenyl	9.29	154	718162	33.070	ng		98
47) 2-Chloronaphthalene	9.32	162	554700	32.938	ng		96
48) 2-Nitroaniline	9.42	65	158332	34.495	ng		90
49) Acenaphthylene	9.73	152	896337	36.314	ng		98
50) Dimethylphthalate	9.59	163	719748	37.293	ng		99
51) 2,6-Dinitrotoluene	9.66	165	146922	33.991	ng		88
52) Acenaphthene	9.90	154	512890	34.784	ng		99
53) 3-Nitroaniline	9.83	138	90622	19.352	ng		94
54) 2,4-Dinitrophenol	9.96	184	16085	11.595	ng		94
55) Dibenzofuran	10.07	168	776508	34.461	ng		95
56) 4-Nitrophenol	10.02	139	166275	67.161	ng		93
57) 2,4-Dinitrotoluene	10.07	165	193589	35.180	ng	#	84
58) Fluorene	10.42	166	627784	37.231	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	142877	35.982	ng		95
60) Diethylphthalate	10.29	149	642550	33.548	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	294937	32.155	ng		93
62) 4-Nitroaniline	10.45	138	141723	30.855	ng		95
63) Azobenzene	10.57	77	560025	33.246	ng		97
65) 4,6-Dinitro-2-methylphenol	10.49	198	38774	14.483	ng		96
66) n-Nitrosodiphenylamine	10.53	169	549603	34.150	ng		100
67) 4-Bromophenyl-phenylether	10.90	248	183275	32.633	ng		93
68) Hexachlorobenzene	10.97	284	193644	32.137	ng		98
69) Atrazine	11.05	200	175040	33.707	ng		97
70) Pentachlorophenol	11.17	266	126831	54.095	ng		96
71) Phenanthrene	11.38	178	972242	39.163	ng		98
72) Anthracene	11.43	178	939251	37.981	ng		99
73) Carbazole	11.59	167	789369	32.360	ng		99
74) Di-n-butylphthalate	11.91	149	1009157	33.330	ng		98
75) Fluoranthene	12.57	202	1015417	38.135	ng		97
77) Benzidine	12.69	184	151566	17.992	ng		95
78) Pyrene	12.80	202	974100	45.969	ng		98
80) Butylbenzylphthalate	13.40	149	352522	34.385	ng		91
81) Benzo(a)anthracene	13.99	228	724599	40.273	ng		98
82) 3,3'-Dichlorobenzidine	13.94	252	132891	19.736	ng		99
83) Chrysene	14.03	228	680974	39.650	ng		98
84) Bis(2-ethylhexyl)phthalate	13.96	149	484991	33.326	ng	#	96
85) Di-n-octyl phthalate	14.57	149	755321	33.734	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	639378	46.983	ng		98
88) Benzo(b)fluoranthene	15.04	252	705353	38.721	ng		100
89) Benzo(k)fluoranthene	15.07	252	643947	36.906	ng		98
90) Benzo(a)pyrene	15.41	252	669604	40.852	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	506641	38.353	ng		99
92) Benzo(g,h,i)perylene	17.40	276	523961	42.041	ng		97

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

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